

## Cytokeratin-pan blocking peptide

---

Blocking peptide binds specifically to the target antibody and block undesirable antibody binding. This occurs because the peptide resembles the epitope for which the antibody is specific, therefore, the antibody binds to the blocking peptide are no longer able to bind to the epitope in the protein.

Pre-adsorption with blocking peptide greatly improves the results and it is extremely useful in immunohistochemistry (IHC) or in Western blotting (immunoblotting) when non-specific binding is an issue.

This peptide is recommended to block anti-Cytokeratin-pan Antibody (Catalog no. 4077410) reactivity

Directions for Use: Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours

|                  |                                                                                                                                   |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.      | 5077410                                                                                                                           |
| Size             | 1mg                                                                                                                               |
| Product Category | Blocking Peptide                                                                                                                  |
| Gene Symbol      | KRT2; KRT76; KRT3; KRT5; KRT6A; KRT6B; KRT6C; KRT71; KRT72; KRT73;<br>KRT74; KRT75; KRT79; KRT8; KRT84                            |
| UniProt ID       | P35908; Q01546; P12035; P13647; P02538; P04259; P48668; Q3SY84;<br>Q14CN4; Q86Y46; Q7RTS7; O95678; Q5XKE5; P08729; P05787; Q9NSB2 |
| Purity           | >85%                                                                                                                              |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Synonyms          | <p>KRT2; KRT2A; KRT2E; Keratin, type II cytoskeletal 2 epidermal; Cytokeratin-2e; CK-2e; Epithelial keratin-2e; Keratin-2 epidermis; Keratin-2e; K2e; Type-II keratin Kb2; KRT76; KRT2B; KRT2P; Keratin, type II cytoskeletal 2 oral; Cytokeratin-2P; CK-2P; K2P; Keratin-76; K76; Type-II keratin Kb9; KRT3; Keratin, type II cytoskeletal 3; 65 kDa cytokeratin; Cytokeratin-3; CK-3; Keratin-3; K3; Type-II keratin Kb3; KRT5; Keratin, type II cytoskeletal 5; 58 kDa cytokeratin; Cytokeratin-5; CK-5; Keratin-5; K5; Type-II keratin Kb5; KRT6A; K6A; KRT6D; Keratin, type II cytoskeletal 6A; Cytokeratin-6A; CK-6A; Cytokeratin-6D; CK-6D; Keratin-6A; K6A; Type-II keratin Kb6; allergen Hom s 5; KRT6B; K6B; KRTL1; Keratin, type II cytoskeletal 6B; Cytokeratin-6B; CK-6B; Keratin-6B; K6B; Type-II keratin Kb10; KRT6C; KRT6E; Keratin, type II cytoskeletal 6C; Cytokeratin-6C; CK-6C; Cytokeratin-6E; CK-6E; Keratin K6h; Keratin-6C; K6C; Type-II keratin Kb12; KRT71; K6IRS1; KB34; KRT6IRS1; Keratin, type II cytoskeletal 71; Cytokeratin-71; CK-71; Keratin-71; K71; Type II inner root sheath-specific keratin-K6irs1; Keratin 6 irs; hK6irs; hK6irs1; Type-II keratin Kb34; KRT72; K6IRS2; KB35; KRT6; KRT6IRS2; Keratin, type II cytoskeletal 72; Cytokeratin-72; CK-72; Keratin-72; K72; Type II inner root sheath-specific keratin-K6irs2; Type-II keratin Kb35; KRT73; K6IRS3; KB36; KRT6IRS3; Keratin, type II cytoskeletal 73; Cytokeratin-73; CK-73; Keratin-73; K73; Type II inner root sheath-specific keratin-K6irs3; Type-II keratin Kb36; KRT74; K6IRS4; KB37; KRT5C; KRT6IRS4; Keratin, type II cytoskeletal 74; Cytokeratin-74; CK-74; Keratin-5c; K5C; Keratin-74; K74; Type II inner root sheath-specific keratin-K6irs4; Type-II keratin Kb37; KRT75; K6HF; KB18; Keratin, type II cytoskeletal 75; Cytokeratin-75; CK-75; Keratin-6 hair follicle; hK6hf; Keratin-75; K75; Type II keratin-K6hf; Type-II keratin Kb18; KRT79; K6L; KB38; KRT6L; Keratin, type II cytoskeletal 79; Cytokeratin-79; CK-79; Keratin-6-like; Keratin-6L; Keratin-79; K79; Type-II keratin Kb38</p> |
| Storage/Stability | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Shipping          | Gel Packs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

