

SABC Kit (Mouse)

SABC kit contains Streptavidin and biotinylated horseradish peroxidase reagents, which have been specially prepared to form ideal complexes for immunoperoxidase staining. Although the structure of the Streptavidin: biotinylated horseradish peroxidase complex is still undefined, evidence suggests that it consists of many biotinylated horseradish peroxidase molecules crosslinked by Streptavidin into a three dimensional array. The complex apparently has few exposed biotin residues but retains at least one biotin binding site. Formation of the complex is achieved by mixing Streptavidin and biotinylated horseradish peroxidase in dilute solution and in defined amounts prior to use. After the initial incubation there appears to be little change in the complex as judged by only a marginal increase in immune peroxidase staining sensitivity and the complex remains stable for several hours after formation. The high sensitivity and shorter incubation times reported for the SABC system are likely due to the number of active horseradish peroxidase molecules associated with the complex and the rapid, irreversible interaction of the complex with biotinylated antibody. The low background staining obtainable with the SABC Kits is probably due to the high dilutions of primary antisera and other reagents employed in the method, the quality of our affinity-purified biotinylated secondary antibodies, and the specially prepared Streptavidin and biotinylated horseradish peroxidase.

This kit is intend to use with primary antibodies raised against rabbit.

Catalog No.	506205
Size	100 sections / 250 sections
Product Category	Immuno Detection
Kit Components	1) Blocking Serum (20mL/40mL) 2) Biotinylated anti-Rabbit IgG (220μL/500μL) 3) Reagent A (Streptavidin) (210μL/500μL) 4) Reagent B (Biotinylated HRP) (210μL/500μL)
Storage/Stability	2 ~ 8°C / 1 year
Shipping	Ambient

