



Sheep Polyclonal anti Mouse Semaphorin 5A

Catalogue Number	mAP-5430
Size/Concentration	50µg
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant human Semaphorin 5A.
Clone Name	Polyclonal AB
Antibody Isotype	IgG
Preparation	This antibody was produced from a sheep immunized with purified mouse Semaphorin 5A protein.
Formulation and Storage	The IgG fraction of immunized serum was purified by antigen affinity chromatography and lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.
Specificity	Detects human, mouse, and rat Semaphorin 5A in direct ELISAs and Western blots. In direct ELISAs, less than 1% cross-reactivity with recombinant human (rh) Sema3B, rhSema4C, and rhSema6A is observed.
Reconstitution	Reconstitute the antibody with 100 µl sterile PBS and the final concentration is 500µg/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Applications	A: WB-(1:1000-2000) B: IHC(Paraffin/Frozen)-(1:50-100) C: ICC-(1:100-200) D:
Shipping	Regular FEDEX overnight shipment (ambient temperature)

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**