

Polyclonal Sheep anti Mouse Semaphorin 4G

ORDERING INFORMATION

Catalog Number:	mAP-5429
Size:	50 µg
Storage:	< -20 °C
Immunogen:	Mouse myeloma cell line NS0-derived recombinant mouse Semaphorin 4G.
Ig Type:	IgG
Purification:	Antigen Affinity Purified
Applications:	WB IHC

Preparation:

This antibody was produced from a sheep immunized with purified mouse Semaphorin 4G 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.

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.**

Specificity:

Detects mouse Semaphorin 4G in direct ELISAs and Western blots. In direct ELISAs, approximately 20% cross-reactivity with recombinant human Semaphorin 4G is observed, and less than 1% cross-reactivity with recombinant mouse (rm) Semaphorin 4B, rmSemaphorin 4C, and rmSemaphorin 4F is observed.

Applications:

WB	Yes	1 : 1000 - 2000
IHC (Paraffin / Frozen)	Yes	1 : 50 - 100

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 !