



Catalog Number:	GT15212	Host:	Sheep
Product Type:	Affinity purified	Species Reactivity:	Mouse
Immunogen Sequence:	Produced in sheep immunized with purified, NS0-derived, recombinant mouse Repulsive Guidance Molecule B.	Format:	Liquid 1mg/ml Solution in phosphate-buffered saline (PBS).
Applications:	Immunohistochemistry : 2-5 µg/mL. Western Blot: 0.1 - 0.2 µg/mL ELISA: 0.5 - 1.0 µg/mL		
Storage:	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator. Antibody can be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. <i>Avoid repeated freeze-thaw cycles.</i>		

Application Notes

Specificity

This antibody has been selected for its ability to recognize RGM-B in the applications listed below. In direct ELISAs and Western blots, this antibody shows less than 5% cross-reactivity with rmRGM-A and rmRGM-C.

Immunohistochemistry

This antibody will detect mouse RGM-B in cells and tissues. The working dilution is 2 - 5 µg/mL.

DirectELISA

This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect mouse and human RGM-B. The detection limit for rmRGM-B and rhRGM-B is approximately 0.5 ng/well.

Flow Cytometry

This antibody has been tested on Neuro2A mouse neuroblastoma cells for use in flow cytometry. Dilute this antibody to 50 µg/mL and add 10 µL of the diluted solution to 1 - 2.5 x 10⁵ cells in a total reaction volume not exceeding 200 µL. The binding of unlabeled antibodies may be visualized by adding 10 µL of a 25 µg/mL stock solution of a secondary developing reagent such as anti-sheep IgG conjugated to a fluorochrome.

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