



Catalog Number:	GT15109	Host:	Goat
Product Type:	Affinity purified	Species Reactivity:	Mouse
Immunogen Sequence:	NS0-derived, recombinant mouse Interleukin 1 Receptor I (rmIL-1 RI) extracellular domain.	Format:	Liquid 1mg/ml Solution in phosphate-buffered saline (PBS) with 5% Trehlose
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

Direct ELISA

This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect mouse IL-1 RI. The detection limit for rmIL-1 RI is approximately 0.12 ng/well. In this format, this antibody shows approximately 25% cross-reactivity with rmIL-18 R and 5% cross-reactivity with rmIL-18 R β , rhIL-1 RI, rrIL-1 R α 2 and less than 1% cross-reactivity with rmIL-1 RII.

Western blot

This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse IL-1 RI. The detection limit for rmIL-1 RI is approximately 5 ng/lane under non-reducing and reducing conditions.

Immunocytochemistry

This antibody will detect IL-1 RI in cells and tissues. The working dilution is 2 - 5 µg/mL.

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www.neuromics.com

Neuromics Antibodies • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pschuster@neuromics1.com