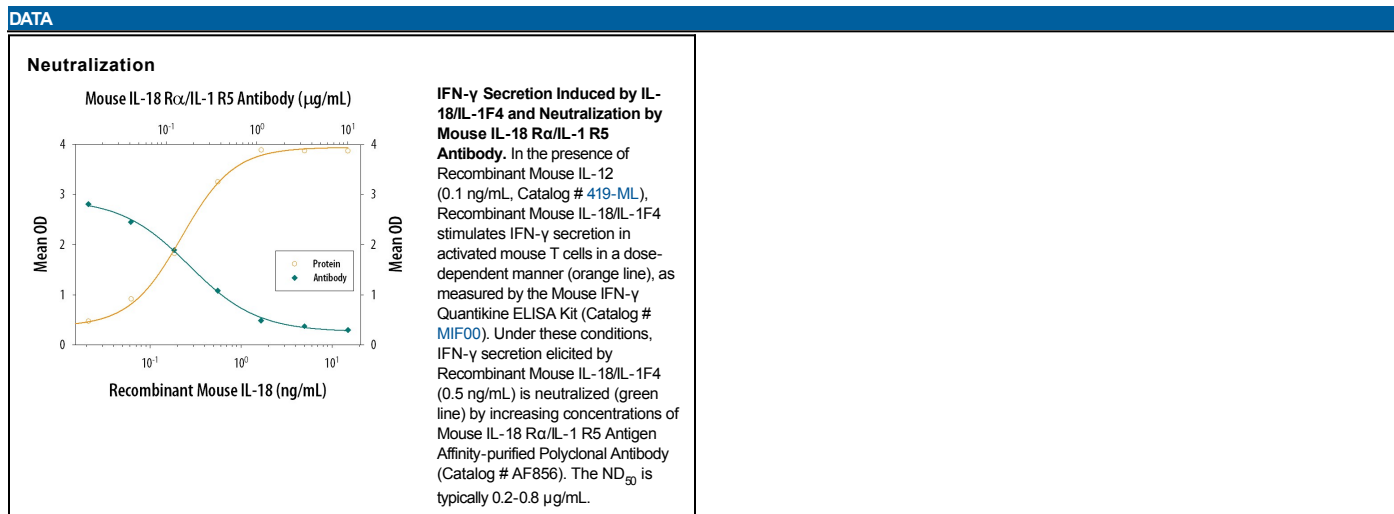


DESCRIPTION	
Species Reactivity	Mouse
Specificity	Detects mouse IL-18 R α in direct ELISAs and Western blots. In direct ELISAs, approximately 25% cross-reactivity with recombinant human IL-18 R is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse IL-18 R α /IL-1 R5 Ser19-Gly326 Accession # Q61098
Endotoxin Level	<0.10 EU per 1 μ g of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 μ m filtered solution in PBS.

APPLICATIONS	
Please Note: Optimal dilutions should be determined by each laboratory for each application. <i>General Protocols</i> are available in the <i>Technical Information</i> section on our website.	
	Recommended Concentration Sample
Western Blot	0.1 μ g/mL Recombinant Mouse IL-18 R α /IL-1 R5
Flow Cytometry	2.5 μ g/10 ⁶ cells Mouse splenocytes or EL-4/IL-2 cells
CyTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.
Neutralization	Measured by its ability to neutralize IL-18/IL-1F4-induced IFN- γ secretion in activated mouse T cells. Ahn, H.J. <i>et al.</i> (1997) <i>J. Immunol.</i> 159 :2125. The Neutralization Dose (ND ₅₀) is typically 0.2-0.8 μ g/mL in the presence of 0.5 ng/mL Recombinant Mouse IL-18/IL-1F4 and 0.1 ng/mL Recombinant Mouse IL-12.



PREPARATION AND STORAGE	
Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.