

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects recombinant mouse (rm)Lipocalin-2 in direct ELISAs and Western blots. In these formats, does not cross-react with rhLipocalin-1 or rhLipocalin-2.
Source	Monoclonal Rat IgG _{2A} Clone # 228418
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Lipocalin-2 aa 21-200 Accession # P11672
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method.
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the [Technical Information](#) section on our website.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Mouse Lipocalin-2/NGAL (Catalog # 1857-LC)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <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.

BACKGROUND

Lipocalin-2, also known as Neutrophil Gelatin-Associated Lipocalin (NGAL) and Siderocalin, mediates the innate immune response to bacterial infection by sequestering iron-laden siderophores.