

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse ECF-L in direct ELISAs and Western blots.
Source	Monoclonal Rat IgG _{2A} Clone # 281926
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Chitinase 3-like 3/ECF-L Tyr22-Tyr398 Accession # O35744
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 Chitinase 3-like 3/ECF-L

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	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.

BACKGROUND

Eosinophil Chemotactic Factor L (ECF-L), also known as Ym1, is a secreted lectin that binds heparin and G1cN oligomers. It is produced primarily by macrophages during inflammation. ECF-L shares homology with chitinase family proteins but lacks enzymatic activity.