

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse YM1/Chitinase 3-like 3 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse YM1/Chitinase 3-like 3 Tyr22-Tyr398 Accession # O35744
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

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	0.1 µg/mL	Recombinant Mouse YM1/Chitinase 3-like 3 (Catalog # 2446-CH)

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.
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

ECF-L, also known as YM1, is a secreted 377 amino acid residue 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.