

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse YM1/Chitinase 3-like 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 YM1/Chitinase 3-like Tyr22-Tyr398 Accession # O35744
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

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.

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