

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Cathepsin 3 in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant mouse Cathepsin 1, 2, or 6 is observed.
Source	Monoclonal Rat IgG _{2B} Clone # 264013
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Cathepsin 3 Ser18-Val332 Accession # NP_081182
Conjugate	Alexa Fluor 750 Excitation Wavelength: 749 nm Emission Wavelength: 775 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.
Immunoprecipitation	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

The gene encoding Cathepsin 3 is located in a dense cluster of genes on chromosome 13 that encode placenta-specific cysteine proteases.

PRODUCT SPECIFIC NOTICES

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