

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Trypsin 3/PRSS3 in direct ELISAs.
Source	Monoclonal Rat IgG ₁ Clone # 419911
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Trypsin 3/PRSS3 Phe16-Asn246 Accession # NP_035775
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.

Immunohistochemistry 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

Mouse Trypsin 3, encoded by the PRSS3 gene, is also known as mesotrypsin. It consists of a signal peptide (residues 1 to 15), a pro region (residues 16 to 23), and a mature chain (residues 24 to 246) (1). The purified recombinant mouse Trypsin 3 corresponds to the pro form, which can be activated by enterokinase.

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