Mouse Tryptase β-1/MCP-7 Alexa Fluor® 750-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF1937S
100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Tryptase β-1/MCP-7/Mcpt7 in direct ELISAs and Western blots. In direct ELISAs, approximately 10% cross-reactivity with recombinant human (rh) TPSB2 is observed, 5% cross-reactivity with rhTPS1 is observed, and less t
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Tryptase β-1/MCP-7/Mcpt7 Ile29-Phe273 Accession # Q02844
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

Tryptase β-1 is a serine protease with trypsin-like activity, which is sometimes also referred to as Mast Cell Protease 7 (1). It is stored in the secretory granules of mouse mast cells (2). It exhibits anticoagulant activity due to its ability to degrade fibrinogen in the presence of the diverse array of protease inhibitors in plasma (3). The deduced amino acid sequence for mouse Tryptase β-1 consists of a signal peptide (residues 1-18), a pro region (residues 19-28) and the mature chain (residue 29-273). The mature chain was expressed and purified.

PRODUCT SPECIFIC NOTICES

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