Human Tryptase α/TPS1 Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 274001

Catalog Number: FAB2370G

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Tryptase α/TPS1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, 50-100% cross-reactivity with recombinant human (rh) Tryptase β2 and no cross-reactivity with rhTryptase γ1 is observed.
Source	Monoclonal Mouse IgG_{2B} Clone # 274001
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Tryptase α/TPS1 Ile31-Pro275 Accession # AAA86934
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and 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.

DATA

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 α is a neutral serine protease that is enriched in mast cell granules. It has a unique Asp residue in the substrate-binding region and has either very restricted specificity or no protease activity at all.

PRODUCT SPECIFIC NOTICES

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