

Mast Cell Tryptase (TPSB2) Monoclonal Antibody

CAB19801

Description

This Mast Cell Tryptase (TPSB2) Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB19801

Contents: 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: TPS1, TPS2, TPSB1, TPSB2, Tryptase-2, Mast Cell Tryptase (TPSB2)

Clone: ARC2328

Applications:   

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 64499

Uniprot: -

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 31kDa

Calculated MW: 31kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

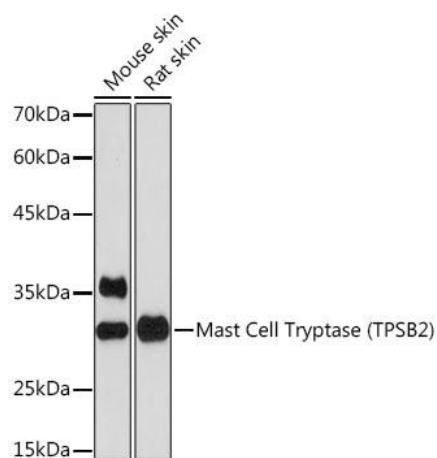
Positive Sample: Mouse skin, Rat skin

Recommended Dilutions:

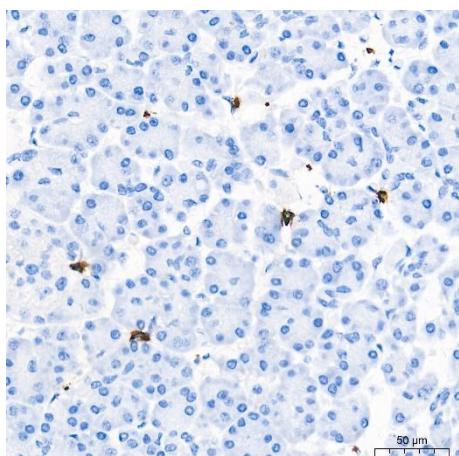
WB	1:1000 - 1:2000
IHC-P	1:20000 - 1:80000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

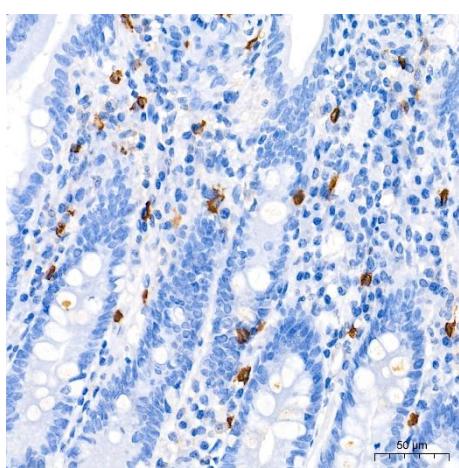
Validation Data



Western blot analysis of various lysates using Mast Cell Tryptase (TPSB2) Rabbit mAb (CAB19801) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human pancreas tissue using Mast Cell Tryptase (TPSB2) Rabbit mAb (CAB19801) at a dilution of 1:40000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human small intestine tissue using Mast Cell Tryptase (TPSB2) Rabbit mAb (CAB19801) at a dilution of 1:40000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.