

Trypsin Rabbit mAb

Catalog NO.: A28418 **Recombinant**

Basic Information

Observed MW

Refer to figures

Calculated MW

24kDa

Category

Monoclonal Antibodies

Applications

IF/ICC, IHC-P, ELISA

Cross-Reactivity

Human

Conjugation

Unconjugated

Clone number

ARC79227

Background

This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. Mutations in this gene are associated with hereditary pancreatitis. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7.

Recommended Dilutions

IF/ICC 1:50 - 1:200

IHC-P 1:50 - 1:200

ELISA

Recommended starting concentration is 1 µg/mL.
Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID	Swiss Prot
5644	P07477

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

TRP1; TRY1; TRY4; TRYP1

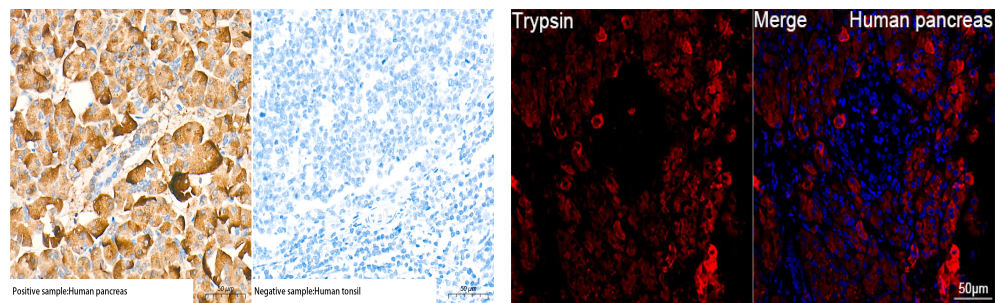
Contact

Product Information

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☒		www.abclonal.com

Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at -20°C. Avoid freeze / thaw cycles.		
Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.		

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human pancreas(positive) and tonsil(negative) tissue using Trypsin Rabbit mAb (A28418) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Confocal imaging of paraffin-embedded Human pancreas tissue using Trypsin Rabbit mAb (A28418, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

