Nature Biosciences

Mast Cell Tryptase Rabbit mAb [Z9H6]

Cat NO. :A77284

Information:

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB,IHC	H	Q15661	30 kDa	Rabbit	IgG	100ul,200ul

Applications detail：

Application	Dilution
WB	1:1000-2000
IHC	1:100,

The optimal dilutions should be determined by the end user

Conjugate：

UnConjugate

Form：

Liquid

sensitivity：

Endogenous

Purification：

Protein A purification

Specificity：

Antibody is produced by immunizing animals with a synthetic peptide of Human Mast Cell Tryptase.

Storage buffer and conditions：

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol（buffer）.

Shipped at 4℃. Store at-20℃ or -80℃.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

Tissue specificity：

Isoform 1 and isoform 2 are expressed in lung, stomach, spleen, heart and skin,in these tissues, isoform 1 is predominant. Isoform 2 is expressed in aorta, spleen, and breast tumor, with highest

Subcellular location:

Secreted.

Function：

Introduction: WB: Western Blot IP: Immunoprecipitation IHC: Immunohistochemistry ChIP: Chromatin Immunoprecipitation ICC/IF: Immunocytochemistry/ Immunofluorescence F: Flow Cytometry

Cross Reactivity: H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Hr: horse

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Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. May play a role in innate immunity. Isoform 2 cleaves large substrates, such as fibronectin, more efficiently than isoform 1, but seems less efficient toward small substrates (PubMed:18854315)..

Validation Data：

Mast Cell Tryptase Rabbit mAb [Z9H6]　Images
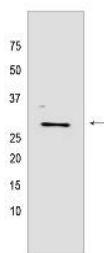
Western blot (SDS PAGE) analysis of extracts from Human skin tissue lyaste.using Mast Cell Tryptase Rabbit mAb [Z9H6]　at dilution of 1:1000 incubated at 4℃ over

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IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.

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