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Datasheet for ABIN6977324

anti-TMPRSS11D antibody (AA 21-120) (Alexa Fluor 488)

Overview

Quantity:	100 µL
Target:	TMPRSS11D
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMPRSS11D antibody is conjugated to Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TMPRSS11D
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	TMPRSS11D
Alternative Name:	TMPRSS11D (TMPRSS11D Products)
Background:	Synonyms: Airway trypsin like protease, Airway trypsin-like protease, HAT, MGC150587,

Target Details

MGC150588, TM11D_HUMAN, TMPRSS11D, Transmembrane protease serine 11D, Transmembrane protease serine 11D catalytic chain, Transmembrane protease serine 11D precursor.

Background: This gene encodes a trypsin-like serine protease released from the submucosal serous glands onto mucous membrane. It is a type II integral membrane protein and has 29-38 % identity in the sequence of the catalytic region with human hepsin, enteropeptidase, acrosin, and mast cell tryptase. The noncatalytic region has little similarity to other known proteins. This protein may play some biological role in the host defense system on the mucous membrane independently of or in cooperation with other substances in airway mucous or bronchial secretions. [provided by RefSeq, Jul 2008]

Gene ID: 9407

UniProt: [O60235](#)

Pathways: [Positive Regulation of Peptide Hormone Secretion, Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months