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Product Information

Recombinant Anti-Human tmprss4 Antibody scFv Fragment

Cat. No.: **MOM-18509-S(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody scFv Fragment specifically binds to Human TMPRSS4, expressed in E. coli

Antigen Description

TMPRSS4 is a member of the peptidase S1 family and contains 1 LDL receptor class A domain, 1 peptidase S1 domain and 1 SRCR domain. It is a probable membrane protease capable of activating ENaC and may process sodium channels in endothelial cells. TMPRSS4 is overexpressed in thyroid neoplasms, and splice variants in TMPRSS4 are thought to be linked with different cancers. Three named isoforms are produced by alternative splicing.

Specific Activity

Tested positive against native antigen.

Target

TMPRSS4

Source

Mouse

Species Reactivity

Human

Type

scFv

Expression Host

E. coli

Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFOMATION

Gene Name

TMPRSS4 transmembrane protease, serine 4 [Homo sapiens]

Official Symbol

TMPRSS4

Synonyms

TMPRSS4; transmembrane protease, serine 4; transmembrane protease serine 4; membrane type serine protease 2; MT SP2; TMPRSS3; transmembrane serine protease 3; type II membrane serine protease; channel-activating protease 2; membrane-type serine protease 2; CAPH2; MT-SP2

Gene ID

56649

mRNA Refseq

NM_001083947

Protein Refseq

NP_001077416

MIM

606565

UniProt ID

Q9NRS4

Chromosome Location

11q23.3

Pathway

Influenza A, organism-specific biosystem; Influenza A, conserved biosystem;

Function

peptidase activity; scavenger receptor activity; serine-type endopeptidase activity;

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