Mouse TMPRSS5 Monoclonal Antibody | anti-TMPRSS5 antibody

TMPRSS5 antibody

CATALOG #	HOST	APPLICATIONS
AAA107980	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

TMPRSS5; Monoclonal Antibody; TMPRSS5 antibody; Monoclonal TMPRSS5; Anti-TMPRSS5; Transmembrane Protease Serine 5; Spinesin; MGC141886; MGC148044; SPINESIN; TMPRSS 5; TMPRSS-5; anti-TMPRSS5 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4A11
Purity/Purification	TMPRSS5 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	388
Applicable Applications for anti-TMPRSS5 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	TMPRSS5 belongs to the serine protease family. Serine proteases are known to be involved in many physiological and pathological processes. TMPRSS5 may play a role in hearing.
Cross-Reactivity	Human
Immunogen	TMPRSS5 antibody was raised in mouse using a full length recombinant protein of human TMPRSS5 (NP_110397) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant TMPRSS5 protein using TMPRSS5 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TMPRSS5 protein (Right) or empty vector (Left) detected with TMPRSS5 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant TMPRSS5 protein (red) or empty vector (blue) stained using TMPRSS5 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TMPRSS5 antibody	Mouse monoclonal TMPRSS5 antibody
Product Categories/Family for anti-TMPRSS5 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	571026696
NCBI GeneID	80975
NCBI Accession #	NP_001275681.1
NCBI GenBank Nucleotide #	NM_001288752.1
Molecular Weight	49,560 Da
NCBI Official Full Name	transmembrane protease serine 5 isoform 5
NCBI Official Synonym Full Names	transmembrane protease, serine 5
NCBI Official Symbol	TMPRSS5
NCBI Official Synonym Symbols	SPINESIN
NCBI Protein Information	transmembrane protease serine 5
UniProt Protein Name	Transmembrane protease serine 5
UniProt Gene Name	**TMPRSS5**
UniProt Entry Name	TMPS5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/tmprss5-antibody-clone-4a11-western-blot-immunofluorescence-flow-cytometry-elisa/107980