

## Mouse TMPRSS5 Monoclonal Antibody | anti-TMPRSS5 antibody

TMPRSS5 antibody

|                               |                      |                                                                                           |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA107978</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay</b> |
|-------------------------------|----------------------|-------------------------------------------------------------------------------------------|

### 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

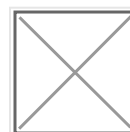
|                                                   |                                                                                                                                                                                |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Mouse                                                                                                                                                                          |
| Clonality                                         | Monoclonal                                                                                                                                                                     |
| Isotype                                           | IgG1                                                                                                                                                                           |
| Clone Number                                      | 6 E11                                                                                                                                                                          |
| 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   | <a href="#">Proteases</a> ; <a href="#">Inhibitors</a> ; & <a href="#">Enzymes</a> |

### NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 571026696                                 |
| NCBI GeneID                      | 80975                                     |
| NCBI Accession #                 | <a href="#">NP_001275681.1</a>            |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001288752.1</a>            |
| 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                | <b>TMPRSS5</b>                            |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/tmpRSS5-antibody-clone-6-e11-western-blot-immunofluorescence-flow-cytometry-elisa/107978>