

## Mouse PSMD2 Monoclonal Antibody | anti-PSMD2 antibody

PSMD2 antibody

|                               |                      |                                                                               |
|-------------------------------|----------------------|-------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA106590</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, Immunofluorescence</b> |
|-------------------------------|----------------------|-------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

PSMD2; Monoclonal Antibody; PSMD2 antibody; Monoclonal PSMD2; Anti-PSMD2; MGC14274; P97; Rpn1; S2; TRAP2; PSMD 2; PSMD-2; anti-PSMD2 antibody

### PRODUCT SPECIFICATIONS

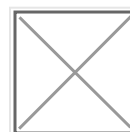
|                                                 |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                                                                                                                                                                              |
| Clonality                                       | Monoclonal                                                                                                                                                                                                                                                         |
| Isotype                                         | IgG2a                                                                                                                                                                                                                                                              |
| Clone Number                                    | 1G6                                                                                                                                                                                                                                                                |
| Purity/Purification                             | PSMD2 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                                   | 0.5-1 mg/ml (varies by lot)                                                                                                                                                                                                                                        |
| Sequence Length                                 | 897                                                                                                                                                                                                                                                                |
| Applicable Applications for anti-PSMD2 antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)                                                                                                                                                                                             |
| Biological Significance                         | This gene encodes one of the non-ATPase subunits of the 19S regulator lid. In addition to participation in proteasome function, this subunit may also participate in the TNF signalling pathway since it interacts with the tumor necrosis factor type 1 receptor. |
| Cross-Reactivity                                | Human, Dog, Rat, Monkey, Mouse                                                                                                                                                                                                                                     |
| Immunogen                                       | PSMD2 antibody was raised in Mouse using full length human recombinant protein of human PSMD2 produced in HEK293T cell 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



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of PSMD2 protein in paraffin embedded Human Kidney tissue using PSMD2 antibody



#### WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PSMD2 protein (Right) or empty vector (Left) detected with PSMD2 antibody



#### IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant PSMD2 protein using PSMD2 antibody

### ADDITIONAL INFORMATION

|                                                     |                                                                                    |
|-----------------------------------------------------|------------------------------------------------------------------------------------|
| Related Product Information for anti-PSMD2 antibody | Mouse monoclonal PSMD2 antibody                                                    |
| Product Categories/Family for anti-PSMD2 antibody   | <a href="#">Proteases</a> ; <a href="#">Inhibitors</a> ; & <a href="#">Enzymes</a> |

### NCBI AND UNIPROT INFORMATION

|                          |                                                            |
|--------------------------|------------------------------------------------------------|
| NCBI GI #                | <a href="#">46329753</a>                                   |
| NCBI GeneID              | <a href="#">398371</a>                                     |
| Molecular Weight         | 99,321 Da                                                  |
| NCBI Official Full Name  | Psm2 protein                                               |
| NCBI Official Symbol     | psmd2                                                      |
| NCBI Protein Information | proteasome (prosome, macropain) 26S subunit, non-ATPase, 2 |
| UniProt Protein Name     | Psm2 protein                                               |
| UniProt Gene Name        | <b>psmd2</b>                                               |
| UniProt Entry Name       | Q6NTP6_XENLA                                               |

**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/psmd2-antibody-clone-1g6-western-blot-immunohistochemistry-immunofluorescence-elisa/106590>