

# Rabbit anti-Mouse Large Multifunctional Peptidase 2 Polyclonal Antibody | anti-LMP2 antibody

Polyclonal Antibody to Large Multifunctional Peptidase 2 (LMP2)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                   |
|-----------|--------|------------|----------------------------------------------------------------|
| AAA142981 | Rabbit | Mouse      | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

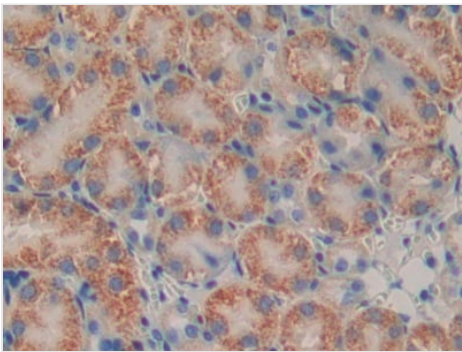
## PRODUCT SYNONYMS

Large Multifunctional Peptidase 2; Polyclonal Antibody; Polyclonal Antibody to Large Multifunctional Peptidase 2 (LMP2); anti-LMP2 antibody

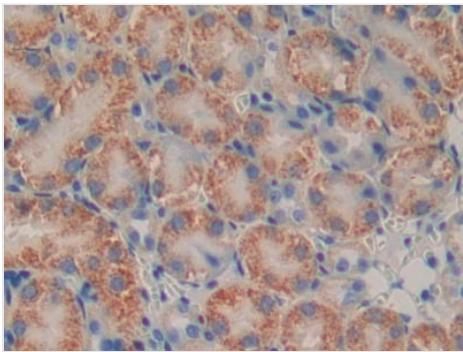
## PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity                                     | Mouse                                                                                                                                                                                                                                                                                                                                                                                             |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against LMP2. It has been selected for its ability to recognize LMP2 in immunohistochemical staining and western blotting.                                                                                                                                                                                                                    |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                           |
| Form/Format                                    | Liquid                                                                                                                                                                                                                                                                                                                                                                                            |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence                                       | Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below.<br>MGSSH HHHHHSSGLV PRGSHMASMT GGQMGGRSE F-TIMAVEFD GGVVVGSDSR VSAGTAVVNR<br>VFDKLSPLHQ R-IFCALS GS AADAQAIADM AAYQLELHGL ELEEPPLVLA AANVVKNI SY KYREDLLAHL<br>IV-AGWDQRE GGQVYGTMG MLIRQPFTIG GSGSSYIYGY VDAAYKPGMT PEECRRFTTN AITLAMNRDG<br>SSGGVIYLV ITAAGVDHRV ILGDELPKFY DE |
| Sequence Length                                | 219                                                                                                                                                                                                                                                                                                                                                                                               |
| Applicable Applications for anti-LMP2 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                   |
| Fragment                                       | LMP2 (Thr22~Glu219)                                                                                                                                                                                                                                                                                                                                                                               |
| Organism Species                               | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                              |
| Cross Reactivity                               | Mouse                                                                                                                                                                                                                                                                                                                                                                                             |
| Conjugate                                      | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                      | Recombinant LMP2 (Thr22~Glu219) expressed in E. coli.                                                                                                                                                                                                                                                                                                                                             |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |

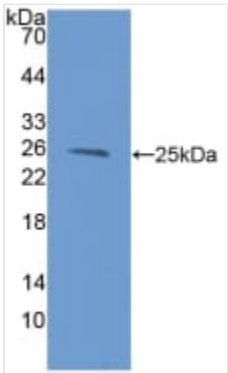
IMAGES



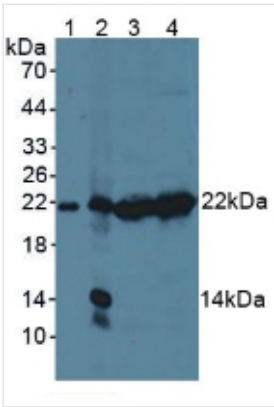
IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Mouse Kidney Tissue



IHC (Immunohistochemistry)  
DAB staining on IHC-P; Samples: Mouse Kidney Tissue



WB (Western Blot)  
Western Blot: Sample: Recombinant LMP2, Mouse.



WB (Western Blot)  
Western Blot: Sample: Lane1: Mouse Serum; Lane2: Mouse Liver Tissue; Lane3: Mouse Thymus Tissue; Lane4: Mouse Spleen Tissue.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| NCBI GI #                        | 8567394                                                                                  |
| NCBI GeneID                      | 16912                                                                                    |
| NCBI Accession #                 | NP_038613.1                                                                              |
| NCBI GenBank Nucleotide #        | NM_013585.2                                                                              |
| UniProt Accession #              | P28076; O09085; O09151; Q07704; Q60827; Q64278; O35522                                   |
| Molecular Weight                 | 23,397 Da                                                                                |
| NCBI Official Full Name          | proteasome subunit beta type-9                                                           |
| NCBI Official Synonym Full Names | proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2) |
| NCBI Official Symbol             | Psmb9                                                                                    |
| NCBI Official Synonym Symbols    | Lmp2; Lmp-2                                                                              |
| NCBI Protein Information         | proteasome subunit beta type-9                                                           |
| UniProt Protein Name             | Proteasome subunit beta type-9                                                           |
| UniProt Gene Name                | Psmb9                                                                                    |
| UniProt Synonym Gene Names       | Lmp2; Ring12                                                                             |

**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/polyclonal/large-multifunctional-peptidase-2-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/142981>