

## Mouse MPI Monoclonal Antibody | anti-MPI antibody

MPI Monoclonal Antibody

|                               |                      |                                        |                                            |
|-------------------------------|----------------------|----------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA300832</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|-------------------------------|----------------------|----------------------------------------|--------------------------------------------|

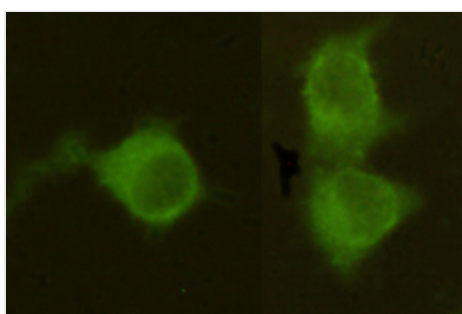
### PRODUCT SYNONYMS

MPI; Monoclonal Antibody; MPI Monoclonal Antibody; PMI; PMI1; CDG1B; anti-MPI antibody

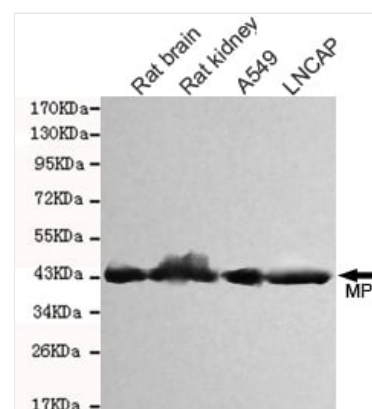
### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                             |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                       |
| Reactivity                                    | Human, Mouse, Rat                                                                                                           |
| Clonality                                     | Monoclonal                                                                                                                  |
| Isotype                                       | IgG1                                                                                                                        |
| Clone Number                                  | 4G9-B4-B8                                                                                                                   |
| Purity/Purification                           | Affinity purified                                                                                                           |
| Form/Format                                   | Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol |
| Sequence Length                               | 362                                                                                                                         |
| Applicable Applications for anti-MPI antibody | WB (Western Blot), ELISA                                                                                                    |
| Immunogen Type                                | Recombinant protein                                                                                                         |
| Immunogen Description                         | Purified recombinant human MPI protein fragments expressed in E Coli.                                                       |
| Target Name                                   | MPI                                                                                                                         |

### IMAGES


**ICC (Immunocytochemistry)**

Immunocytochemistry stain of Hela using MPI antibody (1:300).


**WB (Western Blot)**

Western blot detection of MPI in Rat kidney, Rat brain

ADDITIONAL INFORMATION

|                                                   |                                                                                                                                            |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MPI antibody | Involved in the synthesis of the GDP-mannose and dolichol-phosphate-mannose required for a number of critical mannosyl transfer reactions. |
| Product Categories/Family for anti-MPI antibody   | Total protein Ab                                                                                                                           |

NCBI AND UNIPROT INFORMATION

|                                  |                               |
|----------------------------------|-------------------------------|
| NCBI GI #                        | 823671470                     |
| NCBI GeneID                      | 4351                          |
| Molecular Weight                 | Predicted: 54kd               |
| NCBI Official Full Name          | MPI, partial                  |
| NCBI Official Synonym Full Names | mannose phosphate isomerase   |
| NCBI Official Symbol             | MPI                           |
| NCBI Official Synonym Symbols    | PMI; PMI1; CDG1B              |
| NCBI Protein Information         | mannose-6-phosphate isomerase |
| UniProt Protein Name             | Mannose-6-phosphate isomerase |
| UniProt Gene Name                | <b>MPI</b>                    |
| UniProt Synonym Gene Names       | PMI1; PMI                     |
| UniProt Entry Name               | MPI_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/mpi-antibody-clone-4g9-b4-b8-western-blot-elisa/300832>