

## Mouse anti-Human MBP Monoclonal Antibody | anti-MBP antibody

Anti-MBP Antibody

|                               |                      |                            |                                             |
|-------------------------------|----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA264883</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|----------------------|----------------------------|---------------------------------------------|

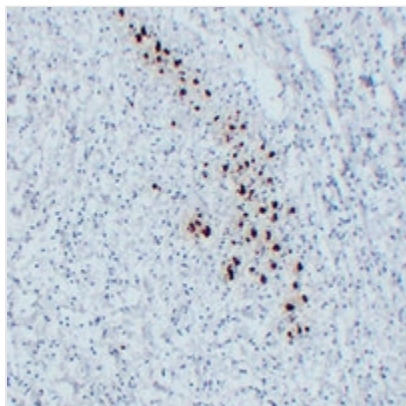
### PRODUCT SYNONYMS

MBP; Monoclonal Antibody; Anti-MBP Antibody; Myelin basic protein; Myelin A1 protein; Myelin membrane encephalitogenic protein; anti-MBP antibody

### PRODUCT SPECIFICATIONS

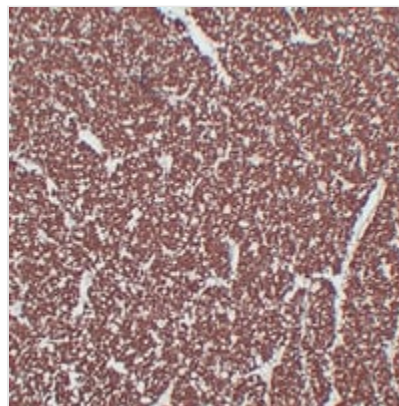
|                                               |                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                          |
| Reactivity                                    | Human                                                                                                          |
| Clonality                                     | Monoclonal                                                                                                     |
| Isotype                                       | Mouse IgG1                                                                                                     |
| Specificity                                   | Recognizes endogenous levels of MBP protein.                                                                   |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                   | Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                        |
| Applicable Applications for anti-MBP antibody | IHC (Immunohistochemistry)                                                                                     |
| Immunogen                                     | KLH-conjugated synthetic peptide encompassing a sequence within human MBP. The exact sequence is proprietary.  |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



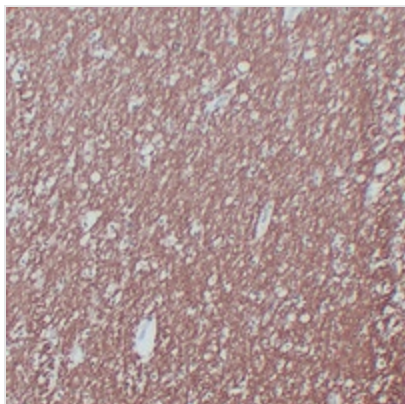
#### FCM/FACS (Flow Cytometry)

Immunohistochemical analysis of MBP staining in human neurofibroma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



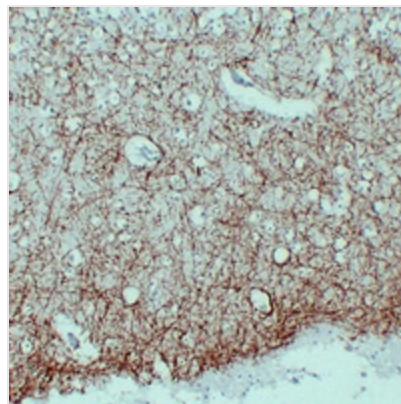
#### IP (Immunoprecipitation)

Immunohistochemical analysis of MBP staining in human hippocampus formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### IF (Immunofluorescence)

Immunohistochemical analysis of MBP staining in human cerebellum formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of MBP staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

## ADDITIONAL INFORMATION

|                                                   |                                  |
|---------------------------------------------------|----------------------------------|
| Related Product Information for anti-MBP antibody | Mouse monoclonal antibody to MBP |
|---------------------------------------------------|----------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                |
|----------------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 1162922                                                                                        |
| NCBI GeneID                      | 4155                                                                                           |
| UniProt Accession #              | P02686; Q15337; Q15338; Q15339; Q15340; A4FU54; A6NI84; A8MY86; A8MYL4; B3KY66; B7ZKS2; B7ZKS4 |
| Molecular Weight                 | 33,117 Da                                                                                      |
| NCBI Official Full Name          | myelin basic protein                                                                           |
| NCBI Official Synonym Full Names | myelin basic protein                                                                           |
| NCBI Official Symbol             | MBP                                                                                            |
| NCBI Protein Information         | Golli-MBP; myelin basic protein; myelin A1 protein; myelin membrane encephalitogenic protein   |
| UniProt Protein Name             | Myelin basic protein                                                                           |
| UniProt Gene Name                | <b>MBP</b>                                                                                     |
| UniProt Synonym Gene Names       | MBP                                                                                            |
| UniProt Entry Name               | MBP_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://www.aaabiotech.com/monoclonal/mbp-antibody-immunohistochemistry-elisa/264883>