

## S-100 (beta-beta) Monoclonal Antibody | anti-pgl antibody

MAb to S-100 (beta-beta)

|                              |                                                                                                                    |                                            |
|------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA57882</b> | HOST<br><b>Host: Mouse. Hybridization of Sp2/0 myelomacells with spleen cells from BALB/c mice.Source: Ascites</b> | APPLICATIONS<br><b>Western Blot, ELISA</b> |
|------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------|

### PRODUCT SYNONYMS

S-100 (beta-beta); Monoclonal Antibody; MAb to S-100 (beta-beta); Monoclonal Antibody to Human S-100 (beta-beta) protein; anti-pgl antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Host: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice.<br>Source: Ascites                                                                                                                                                                                            |
| Clonality                                     | Monoclonal                                                                                                                                                                                                                                                                                          |
| Isotype                                       | IgG1                                                                                                                                                                                                                                                                                                |
| Specificity                                   | S-100 (beta-beta)<br>S-100 (beta-beta) and S-100 (alpha-beta)                                                                                                                                                                                                                                       |
| Purity/Purification                           | >90% pure (SDS-PAGE). Protein A chromatography                                                                                                                                                                                                                                                      |
| Form/Format                                   | Purified, Liquid                                                                                                                                                                                                                                                                                    |
| Concentration                                 | 6.1 mg/ml (Sigma protein assay kit) (varies by lot)                                                                                                                                                                                                                                                 |
| Sequence Length                               | 110                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-pgl antibody | WB (Western Blot), IA (Immunoassay), ELISA                                                                                                                                                                                                                                                          |
| Immunogen                                     | Purified S-100 protein from human brain                                                                                                                                                                                                                                                             |
| Affinity Constant                             | Not determined                                                                                                                                                                                                                                                                                      |
| Buffer                                        | PBS, pH 7.4                                                                                                                                                                                                                                                                                         |
| Preservative                                  | 0.1% Sodium azide                                                                                                                                                                                                                                                                                   |
| Important Note                                | Centrifuge before opening to ensure complete recovery of vial contents.                                                                                                                                                                                                                             |
| Warnings                                      | This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 - 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains. |
| Preparation and Storage                       | Store at 2 to 8 degree C.                                                                                                                                                                                                                                                                           |

### ADDITIONAL INFORMATION

|                                                 |                                                        |
|-------------------------------------------------|--------------------------------------------------------|
| Product Categories/Family for anti-pgl antibody | <a href="#">Monoclonal Antibodies for Neuroscience</a> |
|-------------------------------------------------|--------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                     |                        |
|---------------------|------------------------|
| NCBI GI #           | <a href="#">539547</a> |
| UniProt Accession # | <a href="#">O25730</a> |

|                            |                                          |
|----------------------------|------------------------------------------|
| Molecular Weight           | 25,728 Da                                |
| NCBI Official Full Name    | S-100 calcium-binding protein A5 - human |
| UniProt Protein Name       | 6-phosphogluconolactonase                |
| UniProt Gene Name          | <b>pgl</b>                               |
| UniProt Synonym Gene Names | devB                                     |
| UniProt Entry Name         | 6PGL_HELPY                               |

**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/s-100-beta-beta-antibody-western-blot-immunoassay-elisa/57882>