

## Product Datasheet

### Glutamine Synthetase antibody (orb1410480)

**Description**

Mouse monoclonal antibody to Glutamine

|                            |                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>          | Human                                                                                                                                                                                                                                                                                                                                      |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                                                                                                                                                                               |
| <b>Tested Applications</b> | IHC-P, WB                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen</b>           | Recombinant fragment (around aa 50-250) of human GLUL protein (exact sequence is proprietary)                                                                                                                                                                                                                                              |
| <b>Target</b>              | GLUL                                                                                                                                                                                                                                                                                                                                       |
| <b>Preservatives</b>       | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.                                                                                                                                                           |
| <b>Concentration</b>       | Purified Ab with BSA and Azide at 200ug/ml                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>             | Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.                                                                                                                                                                              |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>             | Mouse / IgG2b, kappa                                                                                                                                                                                                                                                                                                                       |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                                                                                                                                                                 |
| <b>MW</b>                  | 42kDa                                                                                                                                                                                                                                                                                                                                      |
| <b>Uniprot ID</b>          | <b>P15104</b>                                                                                                                                                                                                                                                                                                                              |
| <b>Entrez</b>              | <b>2752</b>                                                                                                                                                                                                                                                                                                                                |
| <b>Dilution Range</b>      | Western Blot (1-2ug/ml);,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined. |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                                                                                                                            |