

## OLIG2 (Marker of Glial Brain Tumors) Antibody

Mouse Monoclonal Antibody [Clone OLIG2/15946]

| Catalog No        | Format                                       | Size   |
|-------------------|--|--------|
| 10215-MSM24-P0    | Purified Ab with BSA and Azide at 200ug/ml   | 20 ug  |
| 10215-MSM24-P1    | Purified Ab with BSA and Azide at 200ug/ml   | 100 ug |
| 10215-MSM24-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

| Applications            | Tested Dillution | Note |
|-------------------------|------------------|------|
| Immunofluorescence (IF) | 1-3ug/ml         |      |

| Product Details               |   |
|-------------------------------|---|
| <b>Clone</b>                  | OLIG2/15946   |
| <b>Immunogen</b>              | Recombinant fragment (around aa 1-323) of human OLIG2 protein |
| <b>Host</b>                   | Mouse   |
| <b>Clonality</b>              | Monoclonal  |
| <b>Isotype / Light Chain</b>  | IgG2b / Kappa   |
| <b>Mol. Weight of Antigen</b> | 32.38kDa  |
| <b>Cellular Localization</b>  | Cytoplasm, Nucleus  |
| <b>Species Reactivity</b>     | Human   |
| <b>Positive Control</b>       | Expressed in the brain, in oligodendrocytes                   |

\*Optimal dilution for a specific application should be determined.

### Product Images for OLIG2 (Marker of Glial Brain Tumors) Antibody

#### Specificity & Comments

Required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Functions together with ZNF488 to promote oligodendrocyte differentiation. Cooperates with OLIG1 to establish the pMN domain of the embryonic neural tube. Antagonist of V2 interneuron and of NKX2-2-induced V3 interneuron development.

#### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

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.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.