OLIG2 (Marker of Glial Brain Tumors) Antibody

Mouse Monoclonal Antibody [Clone OLIG2/15943]

Catalog No	Format	Size
10215-MSM21-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
10215-MSM21-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
10215-MSM21-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min 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°C followed by cooling at RT for 20 minutes

Product Details

Clone	OLIG2/15943
Immunogen	Recombinant fragment (around aa 1-323) of human OLIG2 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2a
Mol. Weight of Antigen	32.38kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	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.