Myelin-oligodendrocyte glycoprotein Antibody

Mouse Monoclonal Antibody [Clone MOG/12856]

Catalog No	Format	Size
4340-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4340-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4340-MSM6-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
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	MOG/12856
Immunogen	Recombinant human MOG protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	28.19kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Found exclusively in the CNS, where it is localized on the surface of myelin and oligodendrocyte cytoplasmic membranes

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

Product Images for Myelin-oligodendrocyte glycoprotein Antibody

Specificity & Comments

Mediates homophilic cell-cell adhesion (By similarity). Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication., (Microbial infection) Acts as a receptor for rubella virus.

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.