

CD171 / NCAM-L1 (Axonal Marker) Antibody

Mouse Monoclonal Antibody [Clone UJ127]

Catalog No	Format	Size
3897-MSM17-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3897-MSM17-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3897-MSM17-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	UJ127
Immunogen	Recombinant fragment (around aa 1-1257) of human L1CAM protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	140.0kDa
Cellular Localization	Axon, Cell membrane, Cell projection, Dendrite, Growth cone
Species Reactivity	Human

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

Product Images for CD171 / NCAM-L1 (Axonal Marker) Antibody

Specificity & Comments

Neural cell adhesion molecule involved in the dynamics of cell adhesion and in the generation of transmembrane signals at tyrosine kinase receptors. During brain development, critical in multiple processes, including neuronal migration, axonal growth and fasciculation, and synaptogenesis. In the mature brain, plays a role in the dynamics of neuronal structure and function, including synaptic plasticity.

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.