

Product Name: Olig2 (7A1) Mouse Monoclonal Antibody
Catalog #: AMM03505

Summary

Production Name	Olig2 (7A1) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	OLIG2
Alternative Names	Basic domain helix loop helix protein class B 1; Basic helix loop helix protein class B 1; BHLHB; bHLHB1; bHLHe19; Class B basic helix loop helix protein 1; Class B basic helix-loop-helix protein 1; class E basic helix loop helix protein 19
Gene ID	10215
SwissProt ID	Q13516.

Application

Dilution Ratio	WB: 1:500-1:1000
Molecular Weight	Calculated MW: 32 kDa; Observed MW: 32 kDa

Background

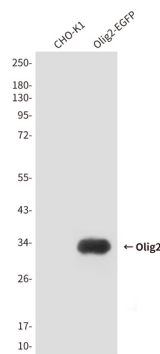
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Olig2 is required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Cooperates with OLIG1 to establish the pMN domain of the embryonic neural tube. Antagonist of V2 interneuron and of NKX2-2-induced V3 interneuron development.

Research Area

Neuroscience

Image Data



Western blot analysis of OLIG2 in CHO-K1 lysates and CHO-K1 transfected by EGFPOLIG2 fragment lysates using OLIG2 antibody.

Note

For research use only.