

AM31746PU-N**Monoclonal Antibody to OLIG2 - Purified**

Alternate names:	BHLHB1, Class B basic helix-loop-helix protein 1, OLIG2, Oligo2, Oligodendrocyte transcription factor 2, PRKCBP2, Protein kinase C-binding protein 2, Protein kinase C-binding protein RACK17, RACK17, bHLHB1
Quantity:	50 µg
Concentration:	0.49 mg/ml
Background:	This gene encodes a basic helix-loop-helix transcription factor which is expressed in oligodendroglial tumors of the brain. The protein is an essential regulator of ventral neuroectodermal progenitor cell fate. The gene is involved in a chromosomal translocation t(14;21)(q11.2;q22) associated with T-cell acute lymphoblastic leukemia. Its chromosomal location is within a region of chromosome 21 which has been suggested to play a role in learning deficits associated with Down syndrome.
Uniprot ID:	Q13516
NCBI:	NP_005797
GeneID:	10215
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	3C9
Immunogen:	OLIG2 antibody was raised against OLIG2 (NP_005797, 2 a.a. ~ 78 a.a) full length recombinant protein with GST tag. Remarks: MW of the GST tag alone is 26 KDa
Format:	State: Liquid purified Ig fraction Purification: Protein A Chromatography Buffer System: PBS, pH 7.2
Applications:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1/500 - 1/1000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Recognizes Human OLIG2
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid freeze-thaw cycles. Shelf life: one year from despatch.

Pictures:

Human Brain, Oligodendroglia: Formalin-Fixed, Paraffin-Embedded (FFPE)

