

Product datasheet for **TA347014S**

OLIG2 Mouse Monoclonal Antibody [Clone ID: 7A1-B12-G4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7A1-B12-G4
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for OLIG2 antibody: purified recombinant human OLIG2 beta protein fragments expressed in E.coli.
Formulation:	Purified mouse monoclonal antibody in PBS(pH 7.4) containing with 0.03% Proclin300 and 50% glycerol.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	32 kDa
Gene Name:	oligodendrocyte lineage transcription factor 2
Database Link:	NP_005797 Entrez Gene 10215 Human Q13516
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.
Synonyms:	BHLHB1; bHLHe19; OLIGO2; PRKCBP2; RACK17



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Protein Families: Druggable Genome, Transcription Factors