

Product datasheet for TA347014S

OriGene Technologies, Inc.

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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

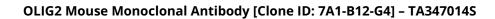
Background: This gene encodes a basic helix-loop-helix transcription factor which is expressed in

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







Protein Families: Druggable Genome, Transcription Factors