

## Product datasheet for **TA347014**

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

#### **Product data:**

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



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**Protein Families:** Druggable Genome, Transcription Factors