

## Recombinant Olig-2/Oligo2 Monoclonal Antibody

**catalog number: AN300139P**

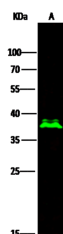
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	A synthetic peptide corresponding to the N-terminus of the Human Olig-2.
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	3G12
<b>Purification</b>	Protein A
<b>Buffer</b>	0.2 µm filtered solution in PBS

### Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC-P</b>	1:100-1:500



Western Blot with Olig-2 / Oligo2 Monoclonal Antibody at dilution of 1:500. Lane A: Jurkat Whole Cell Lysate, Lysates/proteins at 30 µg per lane.

**Observed-MW:37 kDa**

**Calculated-MW:32 kDa**

### Preparation & Storage

**Storage** This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

**Shipping** Ice bag

### 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 18 which has been suggested to play a role in learning deficits associated with Down syndrome.

### For Research Use Only