

Recombinant Olig-2/Oligo2 Monoclonal Antibody

catalog number: **AN300139P**

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

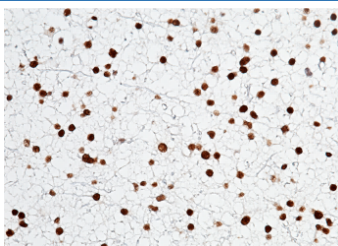
Description

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

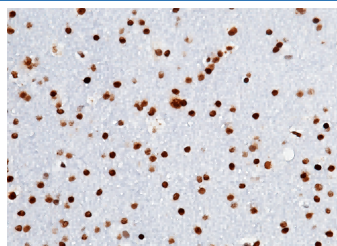
Applications

Applications	Recommended Dilution
WB	1:500-1:2000
IHC-P	1:100-1:500

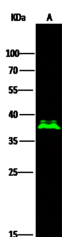
Data



Immunohistochemistry of paraffin-embedded human glioma using Olig-2 / Oligo2 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human brain using Olig-2 / Oligo2 Monoclonal Antibody at dilution of 1:200.



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

For Research Use Only

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.