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anti-OLIG2 antibody



Images



Go to Product page

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Quantity:	100 μL	
Target:	OLIG2	
Reactivity:	Human, Mouse, Rat, Chicken	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This OLIG2 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (fixed cells) (IF/ICC)	

Product Details

Immunogen:	Purified recombinant fragment of human OLIG2 expressed in E. coli.
Isotype:	lgG1

Target Details

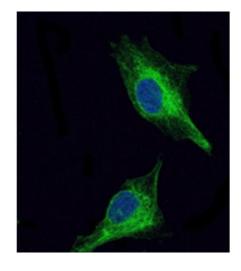
Target:	OLIG2
Alternative Name:	OLIG2 (OLIG2 Products)
Background:	This gene encodes a basic helix-loop-helix transcription factor which is expressed in
	oligodendroglial tumors of the brain. The protein is an essential regulator of ventral
	neuroectodermal progenitor cell fate. The gene is involved 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

Target Details

	learning deficits associated with Down syndrome. Tissue specificity: Expressed in the brain, in oligodendrocytes. Strongly expressed in oligodendrogliomas, while expression is weak to moderate in astrocytomas. Expression in glioblastomas highly variable.
Molecular Weight:	32 kDa
Gene ID:	10215, 50913, 304103

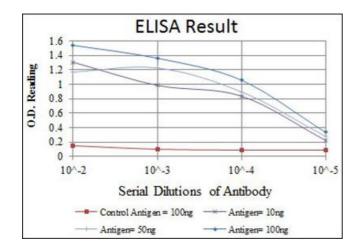
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Ascitic fluid containing 0.03 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.	

Images



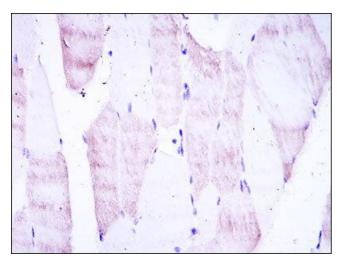
Immunofluorescence

Image 1. Immunofluorescence analysis of U251 cells using OLIG2 antibody (green). Blue: DRAQ5 fluorescent DNA dye.



ELISA

Image 2. Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng).



Immunohistochemistry

Image 3.

Please check the product details page for more images. Overall 6 images are available for ABIN1845900.