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Datasheet for ABIN523612  
**anti-OLIG2 antibody (AA 2-78)**

4 Images

Overview

Quantity:	100 µg
Target:	OLIG2
Binding Specificity:	AA 2-78
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This OLIG2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant OLIG2.
Immunogen:	OLIG2 (NP_005797, 2 a.a. ~ 78 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DSDASLVSSR PSSPEPDDL FLPARSKGSSG SAFTGGTVSS STPSDCPPEL SAELRGAMGS AGAHPGDKLG GSGFKSS
Clone:	3D7
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

Target:	OLIG2
Alternative Name:	OLIG2 ( <a href="#">OLIG2 Products</a> )
Background:	Full Gene Name: oligodendrocyte lineage transcription factor 2 Synonyms: BHLHB1,OLIGO2,PRKCBP2,RACK17,bHLHe19
Gene ID:	10215
NCBI Accession:	<a href="#">NM_005806</a>

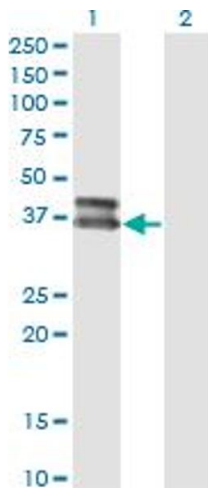
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images

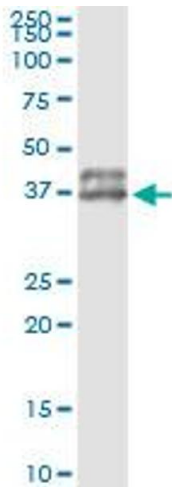


### Western Blotting

**Image 1.** Western Blot analysis of OLIG2 expression in transfected 293T cell line by OLIG2 monoclonal antibody (M02), clone 3D7.

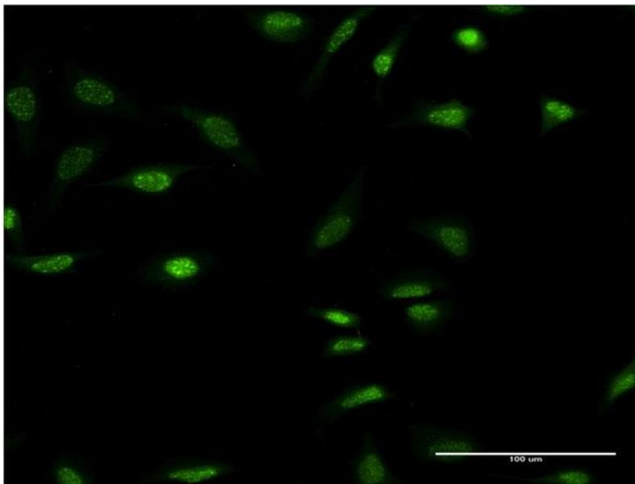
Lane 1: OLIG2 transfected lysate(32.4 KDa).

Lane 2: Non-transfected lysate.



### Immunoprecipitation

**Image 2.** Immunoprecipitation of OLIG2 transfected lysate using anti-OLIG2 monoclonal antibody and Protein A Magnetic Bead , and immunoblotted with OLIG2 MaxPab rabbit polyclonal antibody.



### Immunofluorescence

**Image 3.** Immunofluorescence of monoclonal antibody to OLIG2 on HeLa cell. [antibody concentration 10 μg/ml]

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN523612.