

OLIG2 Monoclonal Antibody (1G11)

Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	1G11
Conjugate	Unconjugated
Immunogen	Purified recombinant fragment of human OLIG2 expressed in E. Coli.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11152534

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunohistochemistry (IHC)	1:200-1:1,000	1 Publication
Immunocytochemistry (ICC/IF)	1:200-1:1,000	1 Publication
Flow Cytometry (Flow)	-	1 Publication
ELISA (ELISA)	1:10,000	-

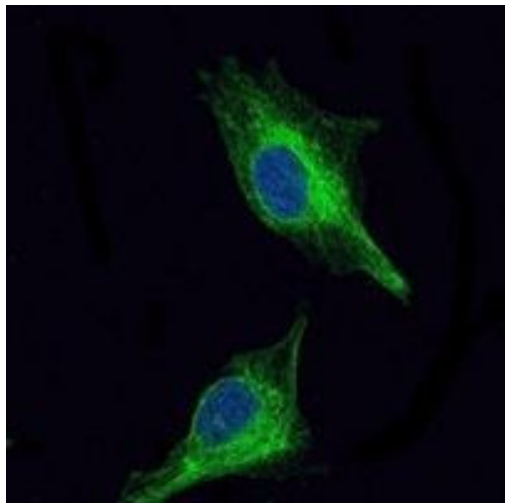
Product Specific Information

MA5-15810 targets OLIG2 in indirect ELISA, IF, IHC, and WB applications and shows reactivity with Human samples.

The MA5-15810 immunogen is purified recombinant fragment of human OLIG2 expressed in E. Coli.

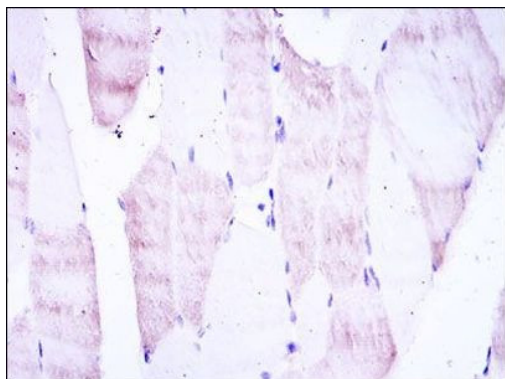
MA5-15810 detects OLIG2 which has a predicted molecular weight of approximately 32kDa.

Product Images For OLIG2 Monoclonal Antibody (1G11)



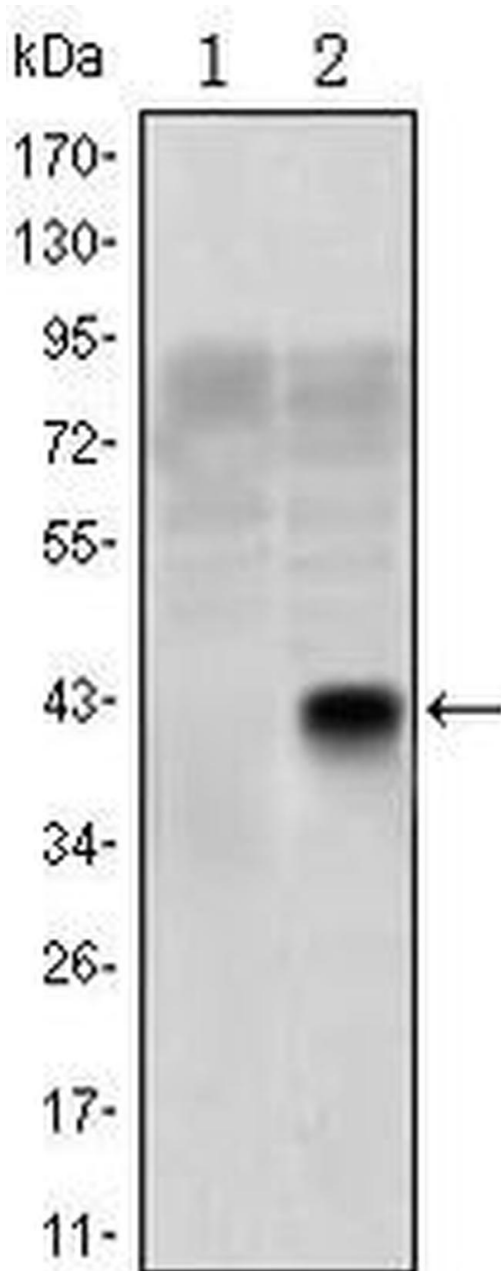
OLIG2 Antibody (MA5-15810) in ICC/IF

Immunofluorescence analysis of U251 cells using OLIG2 monoclonal antibody (Product # MA5-15810) (Green). Blue: DRAQ5 fluorescent DNA dye.



OLIG2 Antibody (MA5-15810) in IHC (P)

Immunohistochemical analysis of paraffin-embedded muscle tissues using OLIG2 monoclonal antibody (Product # MA5-15810) followed with DAB staining.



OLIG2 Antibody (MA5-15810) in WB

Western blot analysis of OLIG2 using OLIG2 monoclonal antibody (Product # MA5-15810) in HEK293 (1) and OLIG2 (AA: 1-122) human IgG Fc transfected HEK293 (2) cell lysate.

[View more figures on thermofisher.com](https://thermofisher.com)

Immunohistochemistry (1)

PLoS biology	Year 2015
Sustained Pax6 Expression Generates Primate-like Basal Radial Glia in Developing Mouse Neocortex.	Species Mouse
"Published figure using OLIG2 monoclonal antibody (Product # MA5-15810) in Immunofluorescence"	
Authors: Wong FK,Fei JF,Mora-Bermúdez F,Taverna E,Haffner C,Fu J,Anastassiadis K,Stewart AF,Huttner WB	

Immunocytochemistry (1)

Wellcome open research	Year 2020
<i>In vitro</i> human stem cell derived cultures to monitor calcium signaling in neuronal development and function.	
"Published figure using OLIG2 monoclonal antibody (Product # MA5-15810) in Immunocytochemistry"	
Authors: Sharma Y,Saha S,Joseph A,Krishnan H,Raghu P	

Flow Cytometry (1)

Advanced healthcare materials	Year 2022
Tissue Niche Miniature of Glioblastoma Patient Treated with Nano-Awakeners to Induce Suicide of Cancer Stem Cells.	Species Human
"MA5-15810 was used in Flow cytometry/Cell sorting to suggest a GBM clinic-driven avatar platform and mechanism-learned nanotherapy for translation."	
Authors: Yoon SJ,Baek S,Yu SE,Jo E,Lee D,Shim JK,Choi RJ,Park J,Moon JH,Kim EH,Chang JH,Lee JB,Park JS,Sung HJ,Kang SG	
	Dilution 1:500

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.