

For Research Use Only

TLE1 Monoclonal antibody

Catalog Number: 66216-1-Ig

Featured Product



Basic Information

Catalog Number: 66216-1-Ig	GenBank Accession Number: BC010100	Purification Method: Protein A purification
Size: 150ul , Concentration: 3764 µg/ml by Nanodrop and 1047 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 7088	CloneNo.: 2F2H11
Source: Mouse	Full Name: transducin-like enhancer of split 1 (E(sp1) homolog, Drosophila)	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Isotype: IgG2b	Calculated MW: 83 kDa	
Immunogen Catalog Number: AG21327	Observed MW: 85-95 kDa	

Applications

Tested Applications: FC, IHC, WB, ELISA	Positive Controls:
Species Specificity: human	WB : Jurkat cells, HEK-293 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human gliomas tissue,

Background Information

Transducin-like enhancer protein 1(TLE1) is a transcriptional corepressor. It can bind to and regress expression of many transcription factors such as NFκB, which is mediated by FOXA2, CTNNB1 and TCF family member in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES. Expression of TLE1 is highest in skeletal muscle and liver, moderate in placenta, heart, kidney, and spleen, and weak in all other tissues including brain.

Storage

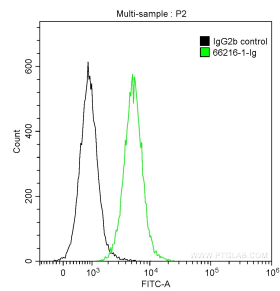
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

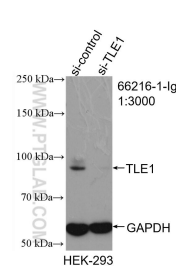
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

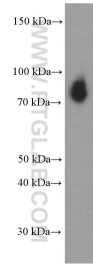
Selected Validation Data



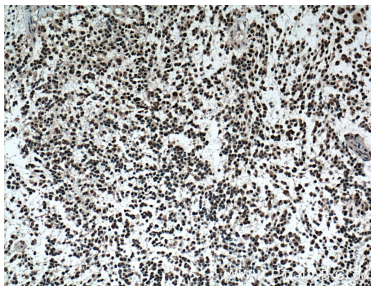
1X10⁶ Jurkat cells were intracellularly stained with 0.2 ug Anti-Human TLE1 (66216-1-Ig, Clone:2F2H11) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Mouse IgG2b Isotype Control (66360-3-Ig, Clone: K11B8C4B5) (black). Cells were fixed with 90% MeOH .



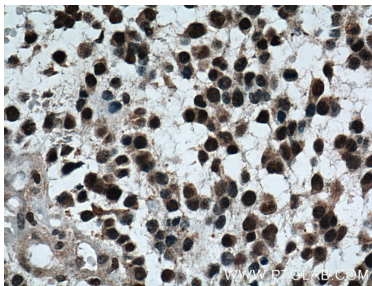
WB result of TLE1 antibody (66216-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-TLE1 transfected HEK-293 cells.



Jurkat cells were subjected to SDS PAGE followed by western blot with 66216-1-Ig (TLE1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66216-1-Ig (TLE1 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 66216-1-Ig (TLE1 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).