For Research Use Only

# TLE3 Monoclonal antibody

Catalog Number:66083-1-Ig

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## Basic Information

Catalog Number:
66083-1-Ig

Size:
150ul , Concentration: 675 μg/ml by Nanodrop and 613 μg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG17906

GenBank Accession Number:
BC015729

GeneID (NCBI):
7090

UNIPROT ID:
Q04726

Full Name:
transducin-like enhancer of split 3 (E(sp1) homolog, Drosophila)

Calculated MW:
772 aa, 83 kDa

Observed MW:
90 kDa

Purification Method:
Protein A purification

CloneNo.:
1D11A8

Recommended Dilutions:
WB 1:500-1:2000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:20-1:200

## Applications

Tested Applications:
IHC, IP, WB, ELISA

Species Specificity:
human

***Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0***

Positive Controls:

WB : HEK-293 cells, human brain tissue

IP : HEK-293 cells,

IHC : human breast cancer tissue,

## Background Information

TLE3, also named as KIAA1547 and ESG3, belongs to the WD repeat Groucho/TLE family. It is a transcriptional corepressor that binds to a number of transcription factors. It inhibits the transcriptional activation mediated by CTNNB1 and TCF family members in Wnt signaling. The effects of full-length TLE family members may be modulated by association with dominant-negative AES. TLE3 is a member of the transducin-like enhancer of split (TLE) family of proteins that have been implicated in the tumorgenesis and classification of sarcomas. It is a candidate biomarker of response to taxane therapy.(PMID:19309506 )

## Storage

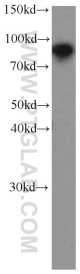
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

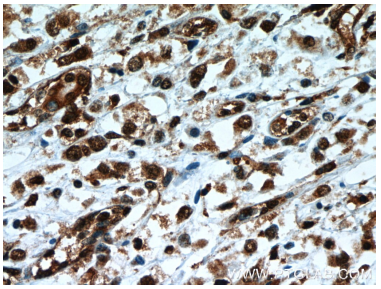
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

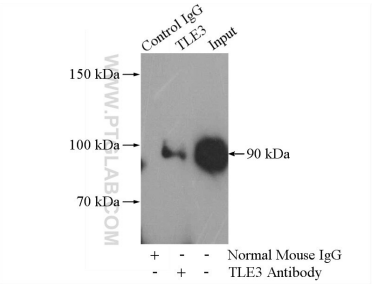
## Selected Validation Data




HEK-293 cells were subjected to SDS PAGE followed by western blot with 66083-1-Ig (TLE3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer slide using 66083-1-Ig (TLE3 Antibody) at dilution of 1:50.




IP result of anti-TLE3 (IP:66083-1-Ig, 5ug; Detection:66083-1-Ig 1:500) with HEK-293 cells lysate 1480ug.