

For Research Use Only

# TLE3 Monoclonal ANTIBODY



Catalog Number: 66083-1-Ig

## Basic Information

**Catalog Number:**

66083-1-Ig

**Size:**

150UL, Concentration: 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

**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 G purification

**CloneNo.:**

1D11A8

**Recommended Dilutions:**

WB 1:500-1:2000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

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: 293 cells, HEK-

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 tumorigenesis 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

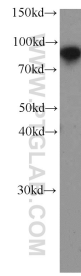
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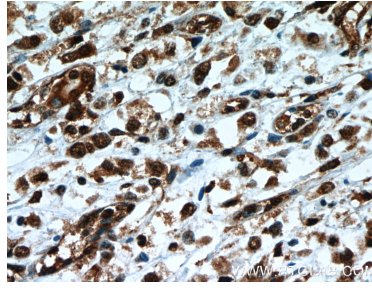
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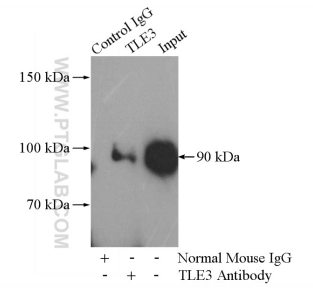
## Selected Validation Data



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.