

Mouse TLE1 Monoclonal Antibody | anti-TLE1 antibody

TLE1 (Synovial Sarcoma Marker)

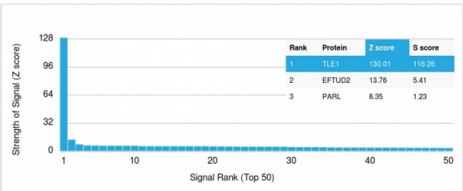
CATALOG # AAA214701	HOST Mouse	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

TLE1; Monoclonal Antibody; TLE1 (Synovial Sarcoma Marker); Enhancer of split groucho 1 (ESG1); Enhancer of split groucho-like protein 1; GRG1; Transducin like enhancer of split 1; Transducin-like enhancer protein 1; anti-TLE1 antibody

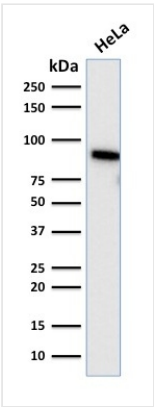
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	TLE1/2085
Specificity	Key players in the Notch pathway are the TLE genes, which are human homologs of the Drosophila groucho gene. Groucho is a transcriptional repressor that plays a key role in neurogenesis, segmentation and sex determination. Transducin-like enhancer protein 1 (TLE1) is a protein that is encoded by the TLE1 gene and is involved in control of hematopoiesis, neuronal, and terminal epithelial differentiation. Positive immunohistochemical nuclear staining with anti-TLE-1 has been shown to be a useful addition to an IHC panel when differentiating synovial sarcoma from other soft tissue malignancies.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	780
Applicable Applications for anti-TLE1 antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment (aa 175-338) of human TLE1
Cellular Localization	Nuclear
Hu-chromosome Location	9q21.32
Positive Control	HeLa, HepG2 or Jurkat cells. Endometrium Carcinoma or Sarcomas



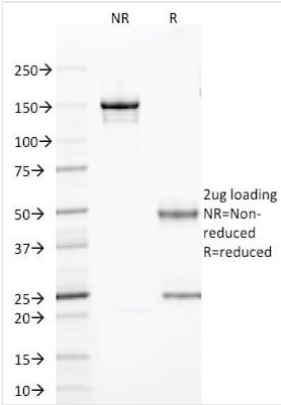
Application Data

Analysis of Protein Array containing more than 19, 000 full-length human proteins using TLE1 Mouse Monoclonal Antibody (TLE1/2085).Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



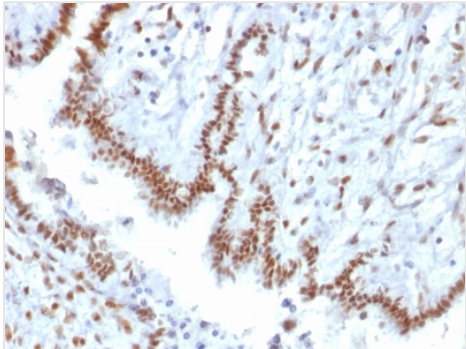
WB (Western Blot)

Western Blot Analysis of human HeLa Cell lysate using TLE1 Mouse Monoclonal Antibody (TLE1/2085).



SDS-PAGE

SDS-PAGE Analysis Purified TLE1 Mouse Monoclonal Antibody (TLE1/2085).Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded Human Endometrial Carcinoma stained with TLE1 Mouse Monoclonal Antibody (TLE1/2085).

ADDITIONAL INFORMATION

References	Jagdis A, et al. Prospective evaluation of TLE1 as a diagnostic immunohistochemical marker in synovial sarcoma. Am J Surg Pathol. 2009; 33:1743-51.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	733605268
NCBI GeneID	7088
NCBI Accession #	NP_001290032.1
NCBI GenBank Nucleotide #	NM_001303103.1
UniProt Accession #	Q04724; Q5T3G4; Q969V9; A8K495
Molecular Weight	83kDa
NCBI Official Full Name	transducin-like enhancer protein 1 isoform 1
NCBI Official Synonym Full Names	transducin like enhancer of split 1
NCBI Official Symbol	TLE1
NCBI Official Synonym Symbols	ESG; ESG1; GRG1

NCBI Protein Information	transducin-like enhancer protein 1
UniProt Protein Name	Transducin-like enhancer protein 1
UniProt Gene Name	TLE1
UniProt Synonym Gene Names	ESG1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/tle1-antibody-clone-tle1-2085-immunohistochemistry-elisa/214701>