

Mouse TCL1 Monoclonal Antibody | anti-TCL1 antibody

TCL1 (T-Cell Marker)

CATALOG # AAA214840	HOST Mouse	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

TCL1; Monoclonal Antibody; TCL1 (T-Cell Marker); TCL1A; Lymphoma/leukemia; T-cell; Oncogene TCL1; P14 TCL1; T cell leukemia 1; T cell lymphoma 1; T cell lymphoma 1A; T-cell leukemia/lymphoma 1A; anti-TCL1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	TCL1/2079
Specificity	T-cell leukemia/Lymphoma Protein 1A (TCL-1A), also known as p14TCL1 is a product of the TCL1 gene that is involved in T-cell prolymphocytic leukemia (TPLL). T-PLL is a rare form of mature T-cell leukemia, which is consistently associated with chromosomal rearrangements characterized by the juxtaposition of the TCRA locus on chromosome 14q11 and the TCL1A gene on 14q32.13. TCL1 is overexpressed in Burkitt lymphoma, the majority of AIDS-related non-Hodgkin lymphoma-designated immunoblastic plasmacytoid lymphoma, lymphoblastic lymphoma, chronic lymphocytic leukemia, mantle cell lymphoma, follicular lymphoma, diffuse large B-cell lymphoma, and primary cutaneous B-cell lymphoma.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
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	114
Applicable Applications for anti-TCL1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fragment (around aa 2-109) of human TCL1 protein (exact sequence is proprietary)
Positive Control	Ramos or Raji Cells. Tonsil or T-cell Lymphoma.
Cellular Localization	Nuclear and Cytoplasmic
Chromosome Location	14q32.13
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



Application Data

Analysis of Protein Array containing more than 19,000 full-length human proteins using TCL1 Mouse Monoclonal Antibody (TCL1/2079). 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 HuProt™ 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 HuProt™ 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.



SDS_PAGE

SDS-PAGE Analysis Purified TCL1 Mouse Monoclonal Antibody (TCL1/2079). Confirmation of Purity and Integrity of Antibody.



WB (Western Blot)

Western Blot Analysis of Raji Cell Lysate using TCL1 Mouse Monoclonal Antibody (TCL1/2079).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Lymph Node stained with TCL1 Mouse Monoclonal Antibody (TCL1/2079).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Tonsil stained with TCL1 Mouse Monoclonal Antibody (TCL1/2079).

ADDITIONAL INFORMATION

References	Narducci MG, et al. Cancer Res. 2000; 60:2095-100.; Roos J, et al. Pathobiology. 2001; 69:59-66.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148922879
NCBI GeneID	8115
NCBI Accession #	NP_001092195.1
NCBI GenBank Nucleotide #	NM_001098725.1
UniProt Accession #	P56279; Q6IBK7
Molecular Weight	14kDa
NCBI Official Full Name	T-cell leukemia/lymphoma protein 1A
NCBI Official Synonym Full Names	T cell leukemia/lymphoma 1A
NCBI Official Symbol	TCL1A
NCBI Official Synonym Symbols	TCL1
NCBI Protein Information	T-cell leukemia/lymphoma protein 1A
UniProt Protein Name	T-cell leukemia/lymphoma protein 1A
UniProt Gene Name	TCL1A

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/tcl1-antibody-clone-tcl1-2079-immunohistochemistry-western-blot-elisa/214840>