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Datasheet for ABIN6940948 anti-TCL1A antibody (AA 2-109)

4 Images



Overview

Quantity:	100 µg
Target:	TCL1A
Binding Specificity:	AA 2-109
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TCL1A antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Recombinant human TCL1 protein fragment (around aa 2-109) (exact sequence is proprietary)
Clone:	TCL1-2078
lsotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	TCL1A
Alternative Name:	TCL1A (TCL1A Products)
Background:	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

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Target Details

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.

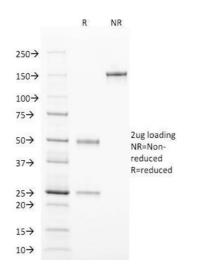
Molecular Weight:	14kDa
Gene ID:	10232
UniProt:	P56279
Pathways:	Stem Cell Maintenance

Application Details

Application Notes:	Positive Control: Ramos or Raji cells. Tonsil or T-cell Lymphoma.
	Known Application: Immunohistochemistry (Formalin-fixed) (1-2 μ g/mL for 30 minutes at
	RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate
	Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a
	specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months

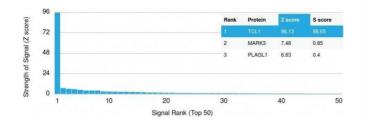


SDS-PAGE

Image 1. SDS-PAGE Analysis Purified TCL1 Mouse Monoclonal Antibody (TCL1/2078). Confirmation of Purity and Integrity of Antibody.

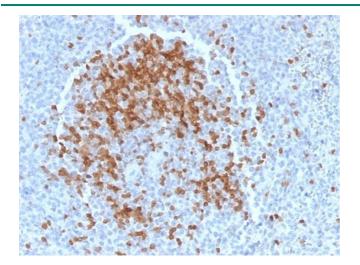
Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using TCL1 Mouse Monoclonal Antibody (TCL1/2078). Z- and S- Score: The Zscore 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 Zscore, 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.



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Images



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Spleen stained with TCL1 Mouse Monoclonal Antibody (TCL1/2078).

Please check the product details page for more images. Overall 4 images are available for ABIN6940948.