DATASHEET

Tcl1 Rabbit Monoclonal Antibody(ARA857)

CAT. NO. ARA6683

KEY FEATURES

Reactivity:	Human	**Applications:**	IHC
Source/Host:	Rabbit	**Clonality:**	Monoclonal
Target:	Tcl1	**Clone ID:**	ARA857
Storage:	at-20°C		

BACKGROUND

T-cell leukemia/lymphoma protein 1A (TCL1) is a member of the TCL1 family and enhances the phosphorylation and activation of AKT1, AKT2 and AKT3. TCL1 promotes the nuclear translocation of AKT1 and enhances cell proliferation, stabilizes mitochondrial membrane potential and promotes cell survival. The expression of TCL1 is restricted to lymphoid cells. It is expressed early in lymphocyte differentiation. Strong expression of TCL1 is found in a subset of mantle zone B lymphocytes and is expressed to a lesser extent by follicle center cells. In B-cell neoplasia, TCL1 immunoreactivity is found in the majority of B-cell lymphomas including lymphoblastic lymphoma, chronic lymphocytic leukemia, mantle cell lymphoma, follicular lymphoma, Burkitt lymphoma, diffuse large B-cell lymphoma (60%), and primary cutaneous B-cell lymphoma (55%). The expression of the TCL1 gene characterizes low-grade B-cell lymphomas.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:200-1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

OVERVIEW

Antibody Type	Recombinant Rabbit monoclonal Antibody
Immunogen	Recombinant protein within human Tcl1 aa 1 - 114
Species Reactivity	Human
Molecular Weight	Predicted band size: 13 kDa
Positive Control	Daudi cell lysate, Raji cell lysate, human tonsil tissue, human appendix tissue, PC-3, Daudi
Conjugation	unconjugated
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Concentration	1ug/ul
Isotype	IgG
Purification	Protein A affinity purified

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

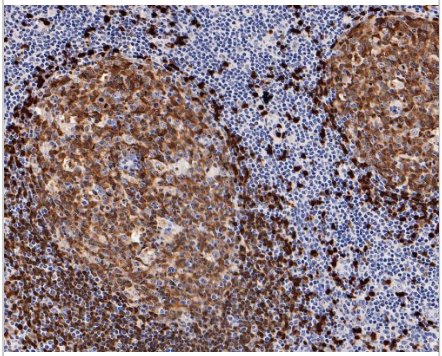
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

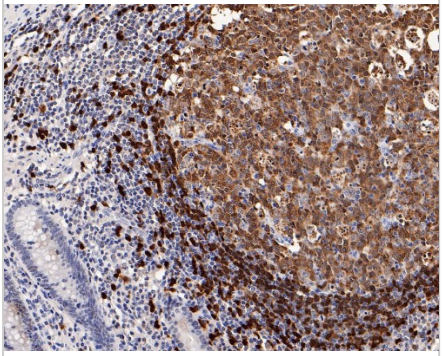
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Immunohistochemical analysis of paraffin-embedded human tonsil tissue with Tcl1 Rabbit Monoclonal Antibody(ARA857).



Immunohistochemical analysis of paraffin-embedded human appendix tissue with Tcl1 Rabbit Monoclonal Antibody(ARA857).

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com