

Datasheet for ABIN6940950

**Recombinant anti-TCL1A antibody (AA 2-109)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	TCL1A
Binding Specificity:	AA 2-109
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
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:	TCL1-2747R
Isotype:	IgG
Purification:	Purified by Protein A/G

## Target Details

Target:	TCL1A
Alternative Name:	TCL1A ( <a href="#">TCL1A Products</a> )
Background:	T-cell leukemia/Lymphoma Protein 1A (TCL-1A), also known as p14TCL1 is a product of the

## Target Details

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.

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 µg/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.

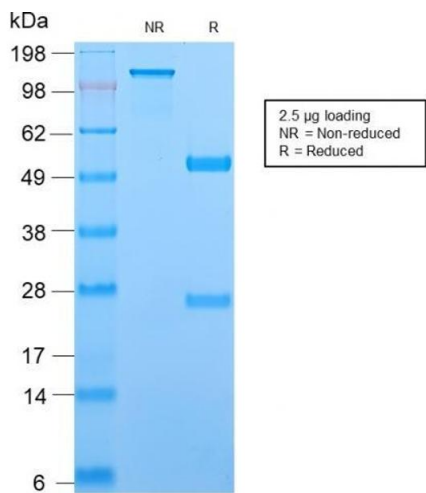
Preservative: Sodium azide

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

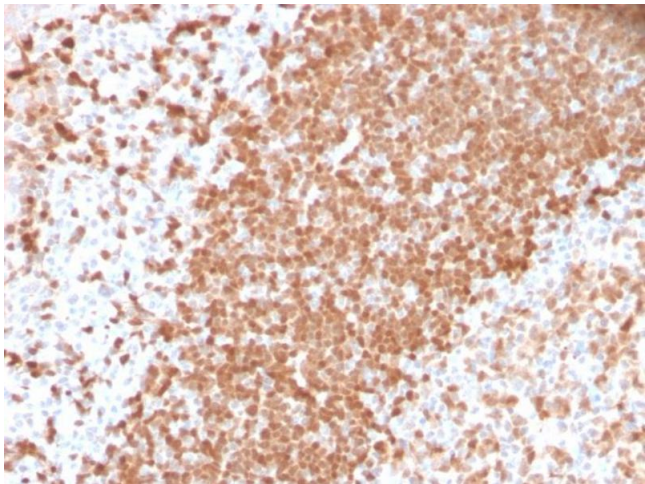
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



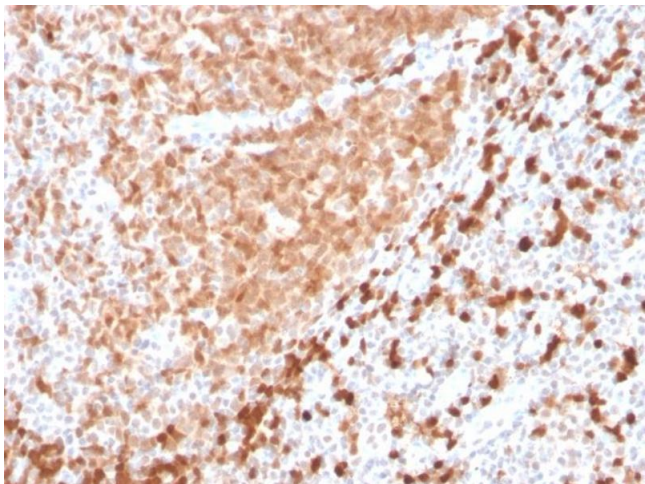
### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified TCL1 Recombinant Rabbit Monoclonal Antibody (TCL1/2747R). Confirmation of Purity and Integrity of Antibody



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Tonsil stained with TCL1 Recombinant Rabbit Monoclonal Antibody (TCL1/2747R).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human Tonsil stained with TCL1 Recombinant Rabbit Monoclonal Antibody (TCL1/2747R).