# Recombinant TCL1 (T-Cell Marker) Antibody

Rabbit Monoclonal Antibody [Clone TCL1/2747R]

| Catalog No | Format | Size |
|---|---|---|
| 8115-RBM3-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 8115-RBM3-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 8115-RBM3-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

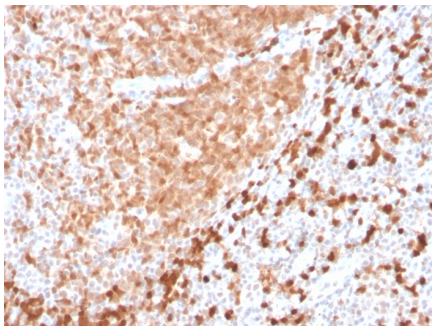
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB) | 2-4ug/ml | |

## Product Details

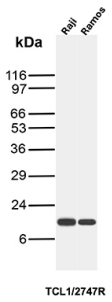
| | |
|---|---|
| **Clone** | TCL1/2747R |
| **Immunogen** | Recombinant fragment (around aa2-109) of the human TCL1 protein (exact sequence is proprietary) |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG / Kappa |
| **Mol. Weight of Antigen** | 13.46kDa |
| **Cellular Localization** | Cytoplasm, Endoplasmic reticulum, Microsome, Nucleus |
| **Species Reactivity** | Human |
| **Positive Control** | Ramos or Raji cells. Tonsil or T-cell Lymphoma. |

**Optimal dilution for a specific application should be determined.*

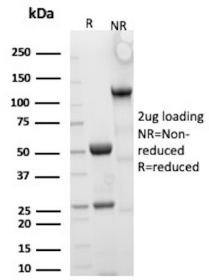
## Product Images for Recombinant TCL1 (T-Cell Marker) Antibody



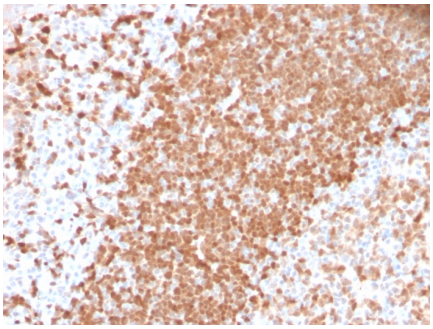
Formalin-fixed, paraffin-embedded human Tonsil stained with TCL1 Recombinant Rabbit Monoclonal Antibody (TCL1/2747R).




Western Blot Analysis of Raji and Ramos cell lysates using TCL1 Recombinant Rabbit Monoclonal Antibody (TCL1/2747).




SDS-PAGE Analysis of Purified T-cell leukemia/lymphoma protein 1A Recombinant Rabbit Monoclonal Antibody (TCL1/2747R). Confirmation of Purity and Integrity of Antibody.



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

## Specificity & Comments

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.

## Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

## Storage and Stability

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.

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.