

TCL1 (PT0225R) Rabbit mAb (Ready to Use)

CatalogNo: YM7215R **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- IHC

Isotype

- IgG1, Kappa

Storage

Storage* 2°C to 8°C/1 year, Ship by ice bag

Formulation The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300

Recommended Dilution Ratios

Ready to use for IHC

Basic Information

Clonality Monoclonal

Clone Number PT0225R

Immunogen Information

Immunogen Synthesized peptide derived from human TCL1 AA range:50-114

Specificity This antibody detects endogenous levels of TCL1

Target Information

Gene name TCL1A

Protein Name TCL1

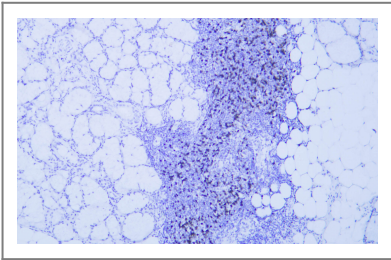
Organism	Gene ID	UniProt ID
Human	8115 ;	P56279 ;

Cellular Localization Cytoplasmic , Nuclear

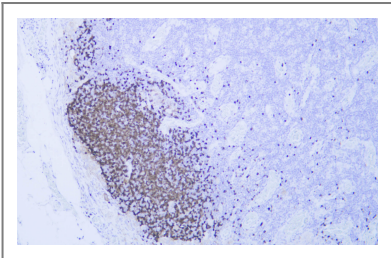
Tissue specificity Restricted in the T-cell lineage to immature thymocytes and activated peripheral lymphocytes. Preferentially expressed early in T- and B-lymphocyte differentiation.

Function Disease:Chromosomal aberrations activating TCL1A are found in chronic T-cell leukemias (T-CLL) . Translocation t (14;14) (q11;q32) ; translocation t (7;14) (q35;q32) ; inversion inv (14) (q11;q32) that involves the T-cell receptor alpha/delta locuses. ,Function:Enhances the phosphorylation and activation of AKT1 , AKT2 and AKT3. Promotes nuclear translocation of AKT1. Enhances cell proliferation , stabilizes mitochondrial membrane potential and promotes cell survival. ,similarity:Belongs to the TCL1 family. ,subcellular location:Microsomal fraction. ,subunit:Homodimer. Interacts with AKT1 , AKT2 and AKT3 (via PH domain) . Interacts with PNPT1; the interaction has no effect on PNPT1 exonuclease activity. ,tissue specificity:Restricted in the T-cell lineage to immature thymocytes and activated peripheral lymphocytes. Preferentially expressed early in T- and B-lymphocyte differentiation. ,

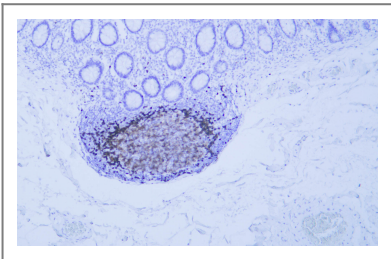
| Validation Data



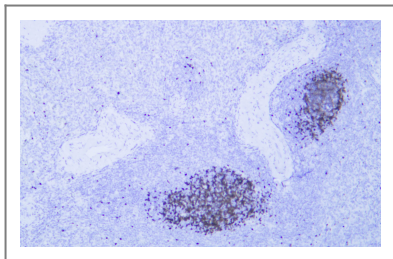
Human salivary glands was stained with anti-TCL1 (PT0225R) rabbit mAb



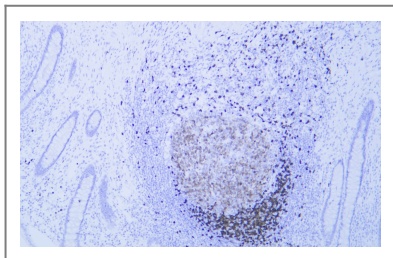
Human malignant melanoma was stained with anti-TCL1 (PT0225R) rabbit mAb



Human colon was stained with anti-TCL1 (PT0225R) rabbit mAb



Human spleen was stained with anti-TCL1 (PT0225R) rabbit mAb



Human appendix was stained with anti-TCL1 (PT0225R) rabbit mAb

| Contact information

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Please scan the QR code
to access additional
product information:
TCL1 (PT0225R)
**Rabbit mAb (Ready
to Use)**

For Research Use Only. Not for Use in Diagnostic Procedures.

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