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Datasheet for ABIN687697

anti-CD7 antibody (AA 181-240)

2 Images

Overview

Quantity:	100 µL
Target:	CD7
Binding Specificity:	AA 181-240
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD7 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat
Purification:	Purified by Protein A.

Target Details

Target:	CD7
Alternative Name:	CD7 (CD7 Products)
Background:	Synonyms: GP40, TP41, Tp40, LEU-9, T-cell antigen CD7, T-cell leukemia antigen, T-cell surface

Target Details

antigen Leu-9, CD7

Background: CD7 is a 40 kDa transmembrane, single-chain glycoprotein, which is a member of the immunoglobulin superfamily. CD7 is expressed by the majority of thymocytes and mature T cells, NK cells and pre-B cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development. The function of CD7 is not yet known although cross-linking of CD7 with induces a T cell transmembrane calcium flux and CD7 expression is induced by ionomycin. The CD7 Molecule has been reported to be the receptor for the IgM-Fc portion (FcR mu) on the surface of T cells.

Gene ID: 924

UniProt: [P09564](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Application Notes: ELISA 1:500-1000
FCM 1:20-100
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

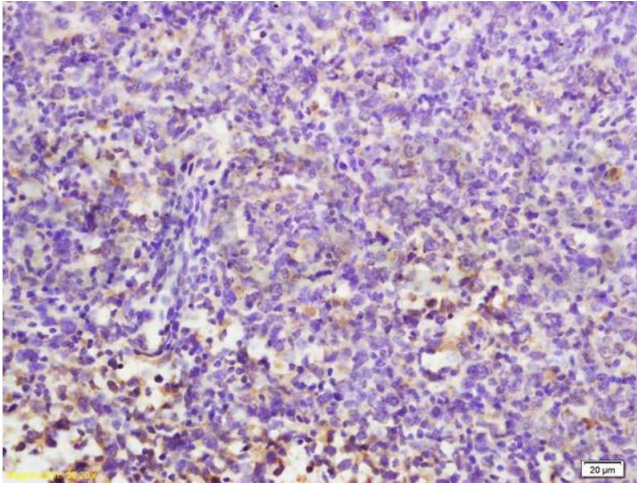
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

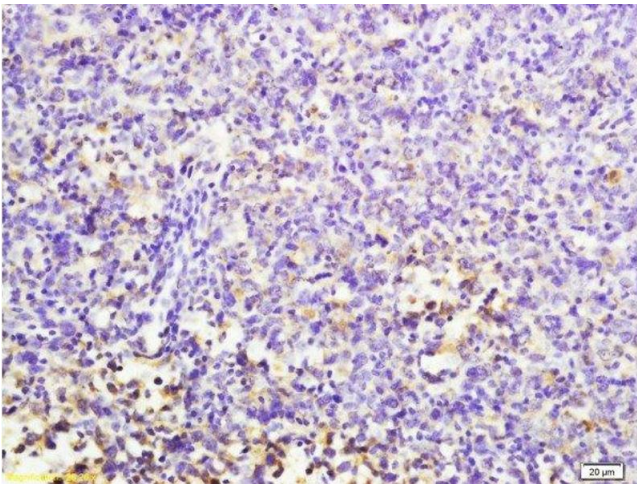
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse lymphoma labeled with Anti-MuRF1/Trim63 Polyclonal Antibody, Unconjugated (ABIN687697) at 1:200 followed by conjugation to the secondary antibody and DAB staining.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin embedded mouse lymphoma labeled with Anti-MuRF1/Trim63 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining.