

Datasheet for ABIN5539696
anti-CD247 antibody (Internal Region)



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1 Image

Overview

Quantity:	100 µg
Target:	CD247
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CD247 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	CD3-ZETA / CD247
Sequence:	KNPQEGLYNE LQKD
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_932170.1, NP_000725.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

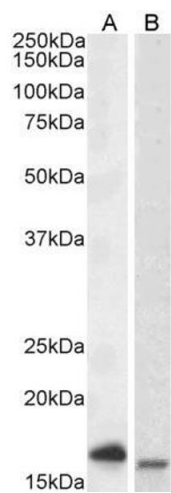
Target:	CD247
Alternative Name:	CD247 (CD247 Products)
Background:	CD247, CD247 Molecule, CD3-ZETA, CD3H, CD3Q, CD3Z, T3Z, TCRZ, CD247 antigen, zeta subunit, CD3Z antigen, zeta polypeptide (TiT3 complex), CD3zeta chain, T-cell antigen receptor complex, zeta subunit of CD3, T-cell receptor T3 zeta chain, T-cell surface gl
Gene ID:	919
NCBI Accession:	NP_932170 , NP_000725
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	Western Blot: Approx 16-17 kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 18.6 kDa according to NP_000725.1). Recommended concentration: 0.1-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN5539696 (0.1µg/ml) staining of Jurkat (A) and (0.3ug/ml) MOLT4 (B) cell lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.