Datasheet for ABIN1531309

anti-CD247 antibody (pTyr142)

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Overview

Quantity:	100 µL
Target:	CD247
Binding Specificity:	AA 111-160, pTyr142
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD247 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human CD3 zeta around the phosphorylation site of Tyr142.
Isotype:	IgG
Specificity:	CD3 zeta (Phospho-Tyr142) Antibody detects endogenous levels of CD3 zeta only when phosphorylated at Tyr142. PhosphorylationH:Y142 M:Y142 R:Y142
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

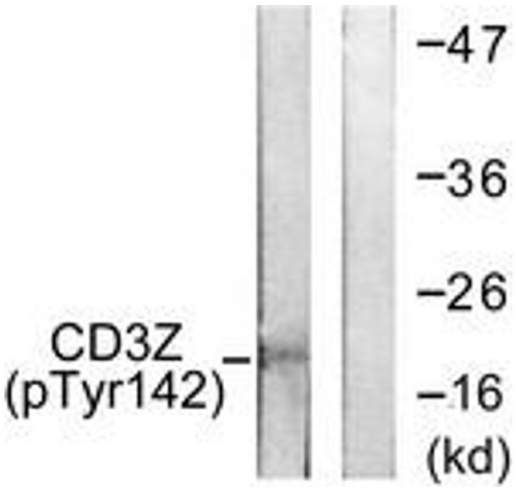
Target:	CD247
Alternative Name:	CD3 zeta (CD247 Products)
Background:	Synonyms: CD3-zeta, T-cell receptor T3 zeta chain, T-cell surface glycoprotein CD3 zeta chain precursor, T3Z, TCRZ NCBI Gene Symbol: CD247
Molecular Weight:	18 kDa
Gene ID:	919
OMIM:	186780
UniProt:	P20963
Pathways:	TCR Signaling, CXCR4-mediated Signaling Events, Ubiquitin Proteasome Pathway

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:1000
Comment:	Unigene-Number: Hs.156445 (NCBI Gene Symbol: CD247)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells treated with UV 15', using CD3 zeta (Phospho-Tyr142) Antibody. The lane on the right is treated with the synthesized peptide.