

Datasheet for ABIN7455240

Recombinant anti-CD247 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	CD247
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD247 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	Rabbit anti-CD247/CD3Z Recombinant Monoclonal Antibody [BL-336-1B2]
Immunogen:	between AA 150 to 164 (C-term)
Clone:	BL-336-1B2
Isotype:	IgG
Predicted Reactivity:	Mouse, Sheep, Pig

Target Details

Target:	CD247
Alternative Name:	CD247/CD3Z (CD247 Products)
Background:	Background: T-cell surface glycoprotein CD3 zeta chain is encoded by the gene CD247, also known as CD3Z or CD3 zeta. CD247/CD3 zeta, together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response [taken from NCBI Entrez Gene (Gene ID: 919)].
Gene ID:	919
NCBI Accession:	NP_932170
UniProt:	P20963
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	IHC-IF: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IHC: 1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 20 µL/mg lysate WB: 17:40:00
Restrictions:	For Research Use only

Handling

Concentration:	100 µg/mL
Buffer:	Borate Buffered Saline (BBS) pH 8.2 with 0.1 % BSA and 0.09 % Sodium Azide
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:	4 °C
Expiry Date:	12 months