

Datasheet for ABIN7266174

anti-CD247 antibody

4 Images

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Overview

Quantity:	100 µL
Target:	CD247
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD247 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Purpose:	CD3H Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD3H
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	CD247
Alternative Name:	CD247 (CD247 Products)
Background:	The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor

Target Details

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. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008],CD3-ZETA, CD3H, CD3Q, CD3Z, IMD25, T3Z, TCRZ,CDs,Immunology & Inflammation,T Cell Receptor Signaling Pathway,CD247

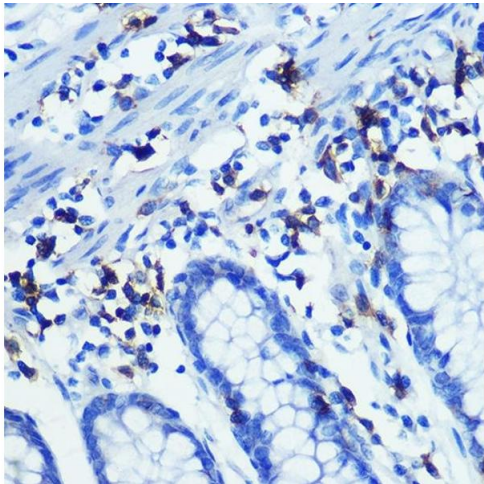
Molecular Weight:	kDa
Gene ID:	919
UniProt:	P20963
Pathways:	TCR Signaling , CXCR4-mediated Signaling Events , Ubiquitin Proteasome Pathway

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,FC,1:50 - 1:200
Restrictions:	For Research Use only

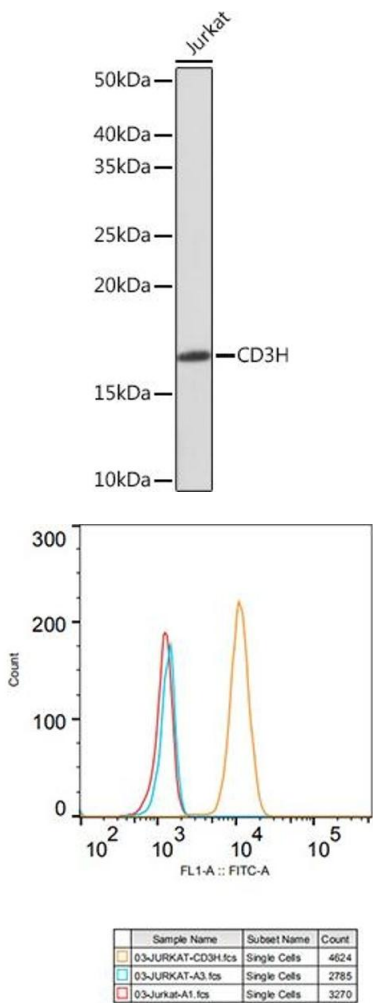
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
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:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human colon using CD3H Rabbit mAb (ABIN7266174) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of Jurkat cells, using CD3H Rabbit mAb (ABIN7266174) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 3 min.

Flow Cytometry

Image 3. Flow cytometry: Jurkat cells were stained with Rabbit IgG isotype control (10 µg/mL, blue line) or CD3H Rabbit mAb (ABIN7266174, 10 µg/mL orange line), followed by goat anti-Rabbit pAb FITC (1:200 dilution) staining. Non-fluorescently stained Jurkat cells was used as blank control (red line).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7266174.