

Datasheet for ABIN7260103 **anti-CD247 antibody**

2 Images



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Overview

Quantity:	200 µL
Target:	CD247
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD247 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human CD247 (NP_932170.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
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 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

Target Details

results in impaired immune response. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Molecular Weight: Observed_MW: 17 kDa
Calculated_MW: 18 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 IF 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

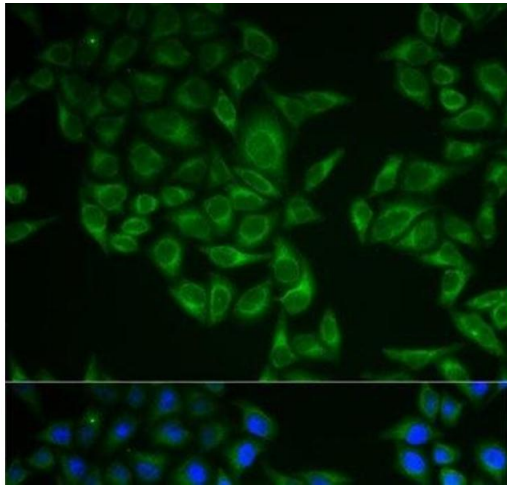
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

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

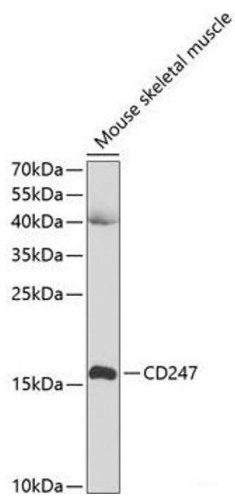
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells using CD247 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of Mouse skeletal muscle using CD247 Polyclonal Antibody at dilution of 1:1000.