

Datasheet for ABIN7193230
anti-IL21 Receptor antibody (AA 20-232)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	IL21 Receptor (IL21R)
Binding Specificity:	AA 20-232
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL21 Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD360 (AA: extra 20-232) expressed in E. coli.
Clone:	8H10G4D12
Isotype:	IgG1
Purification:	purified

Target Details

Target:	IL21 Receptor (IL21R)
Alternative Name:	CD360 (IL21R Products)
Background:	Description: The protein encoded by this gene is a cytokine receptor for interleukin 21 (IL21). It

Target Details

belongs to the type I cytokine receptors, and has been shown to form a heterodimeric receptor complex with the common gamma-chain, a receptor subunit also shared by the receptors for interleukin 2, 4, 7, 9, and 15. This receptor transduces the growth promoting signal of IL21, and is important for the proliferation and differentiation of T cells, B cells, and natural killer (NK) cells. The ligand binding of this receptor leads to the activation of multiple downstream signaling molecules, including JAK1, JAK3, STAT1, and STAT3. Knockout studies of a similar gene in mouse suggest a role for this gene in regulating immunoglobulin production. Three alternatively spliced transcript variants have been described.

Aliases: IL21R, NILR, IMD56

Molecular Weight:	59.1 kDa
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Gene ID:	50615
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Pathways:	JAK-STAT Signaling
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A
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Restrictions:	For Research Use only
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Handling

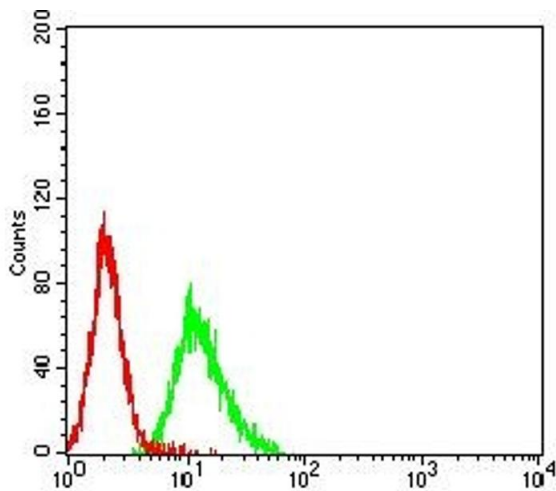
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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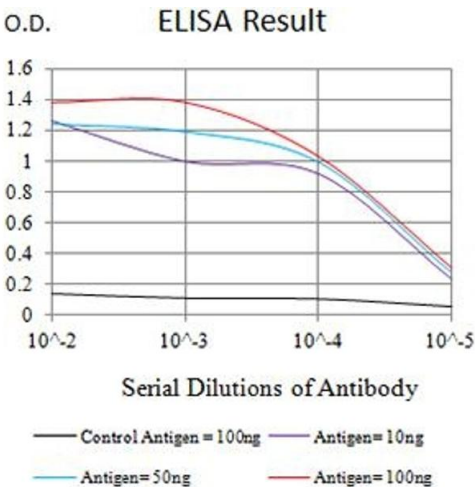
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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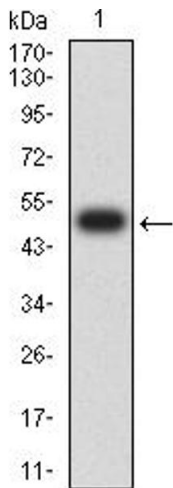
Flow Cytometry

Image 1. Flow cytometric analysis of K562 cells using CD360 mouse mAb (green) and negative control (red).



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD360 mAb against human CD360 (AA: extra 20-232) recombinant protein. (Expected MW is 50.5 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193230.