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Datasheet for ABIN7193397
anti-IL18R1 antibody (AA 22-185)

4 Images

Overview

Quantity:	0.1 mg
Target:	IL18R1
Binding Specificity:	AA 22-185
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD218A (AA: extra 22-185) expressed in E. coli.
Clone:	2B7E6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	IL18R1
Alternative Name:	CD218A (IL18R1 Products)
Background:	Description: The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the

Target Details

expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rrp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]

Aliases: IL18R1, IL18RA, IL1RRP, CDw218a, IL-1Rrp

Molecular Weight: 62.3 kDa

Gene ID: 8809

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

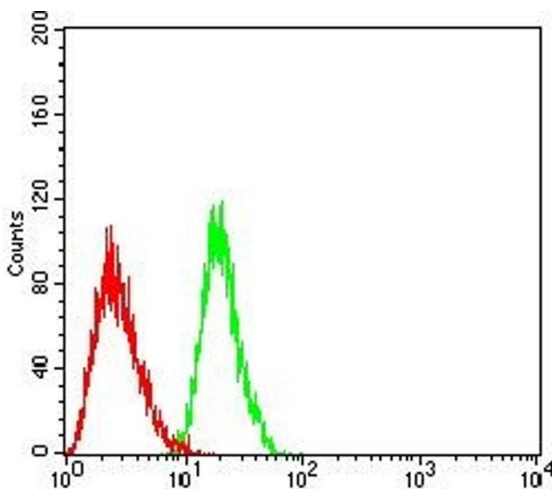
Preservative: Sodium azide

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

Storage: 4 °C/-20 °C

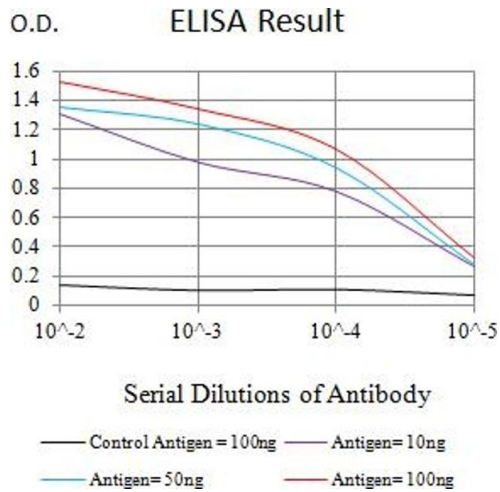
Storage Comment: 4°C, -20°C for long term storage

Images



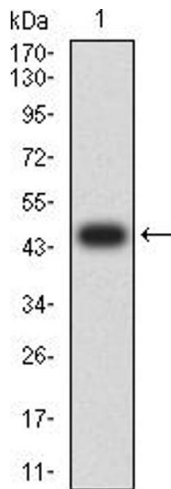
Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using CD218A 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 CD218A mAb against human CD218A (AA: extra 22-185) recombinant protein. (Expected MW is 45.2 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193397.