



Datasheet for ABIN7505886

## anti-IL18R1 antibody



[Go to Product page](#)

### 3 Images

#### Overview

Quantity:	0.1 mg
Target:	IL18R1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IL18R1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

#### Product Details

Purpose:	Anti-Hu CD218a Purified
Immunogen:	Human CD218a expressed on a transfected NK0 cell line
Clone:	H44
Isotype:	IgG1 kappa
Specificity:	The mouse monoclonal antibody H44 recognizes an extracellular epitope of CD218a, the alpha subunit of IL-18 receptor.
Purification:	Purified by protein-A affinity chromatography.

#### Target Details

Target:	IL18R1
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## Target Details

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Alternative Name:	CD218a ( <a href="#">IL18R1 Products</a> )
Background:	Interleukin 18 receptor 1,CD218a, an approximately 62 kDa type I transmembrane glycoprotein, is the alpha subunit of IL-18 receptor heterodimer. It is expressed in various immune cells, including lymphocytes, NK cells, and myeloid cells, as well as in heart, lung, liver, gut and another tissues. IL-18 is a proinflammatory cytokine, that promotes both Th1 and Th2 immune responses, induces IFN-gamma production and activates NK cells.,IL18R1, IL-18 R1, IL18-RA
Gene ID:	8809
UniProt:	<a href="#">Q13478</a>

## Application Details

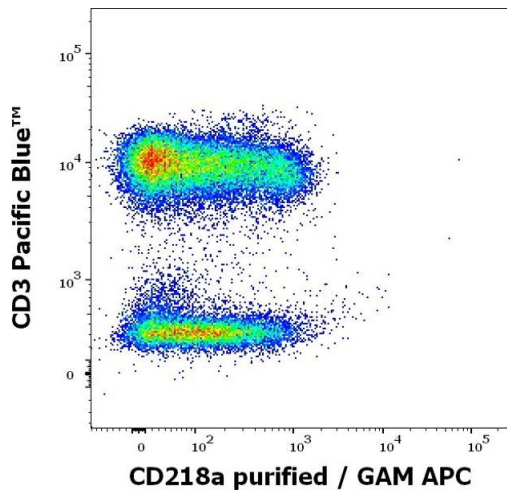
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Application Notes:	Flow cytometry: Recommended dilution: 1-4 µg/mL.
Restrictions:	For Research Use only

## Handling

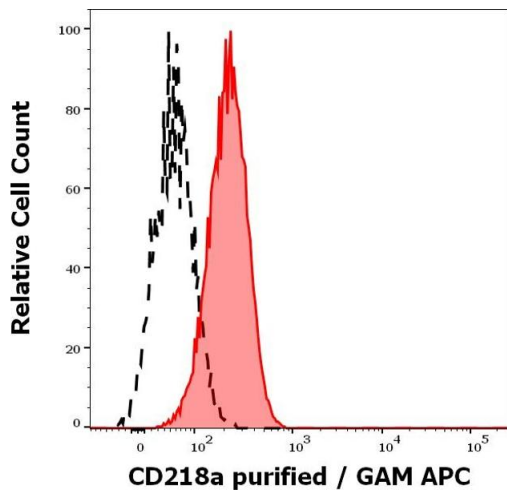
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Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.



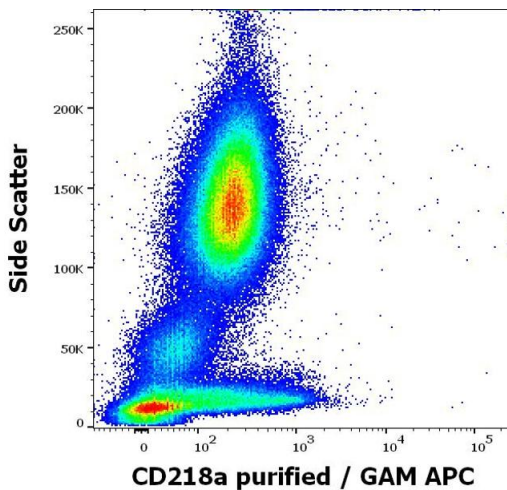
### Flow Cytometry

**Image 1.** Flow cytometry multicolor surface staining pattern of human lymphocytes using anti-human CD218a (H44) purified antibody (concentration in sample 0.5 µg/mL, GAM APC) and anti-human CD3 (UCHT1) Pacific Blue antibody (4 µL reagent / 100 µL of peripheral whole blood).



### Flow Cytometry

**Image 2.** Separation of human neutrophil granulocytes (red-filled) from monocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD218a (H44) purified antibody (concentration in sample 0.5 µg/mL, GAM APC).



### Flow Cytometry

**Image 3.** Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD218a (H44) purified antibody (concentration in sample 0.5 µg/mL, GAM APC).