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Datasheet for ABIN7193515
anti-CD163 antibody (AA 42-259)

4 Images

Overview

Quantity:	0.1 mg
Target:	CD163
Binding Specificity:	AA 42-259
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD163 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human CD163 (AA: extra 42-259) expressed in E. coli.
Clone:	8B7D11
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD163
Alternative Name:	CD163 (CD163 Products)
Background:	Description: The protein encoded by this gene is a member of the scavenger receptor cysteine-rich (SRCR) superfamily, and is exclusively expressed in monocytes and macrophages. It

Target Details

functions as an acute phase-regulated receptor involved in the clearance and endocytosis of hemoglobin/haptoglobin complexes by macrophages, and may thereby protect tissues from free hemoglobin-mediated oxidative damage. This protein may also function as an innate immune sensor for bacteria and inducer of local inflammation. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

Aliases: M130, MM130, SCAR11

Molecular Weight: 125.4 kDa

Gene ID: 9332

Application Details

Application Notes: WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

Handling

Buffer: Purified antibody in PBS with 0.05 % sodium azide

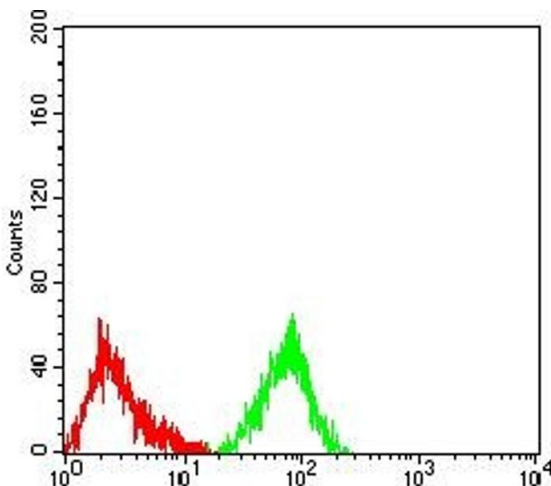
Preservative: Sodium azide

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

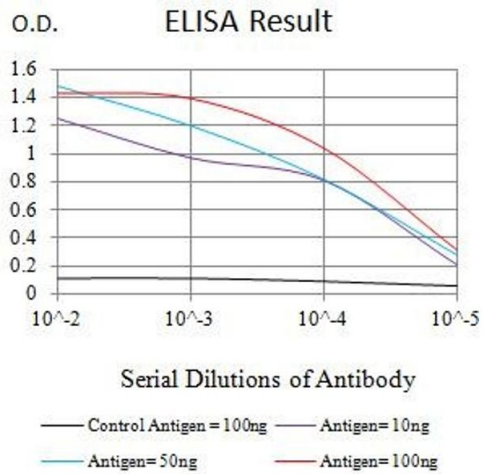
Storage Comment: 4°C, -20°C for long term storage

Images



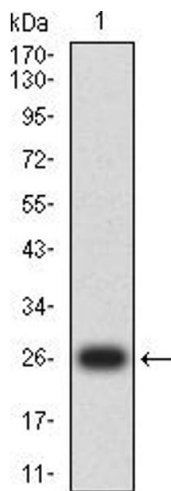
Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using CD163 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 CD163 mAb against human CD163 (AA: extra 42-259) recombinant protein. (Expected MW is 26.4 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193515.