

Datasheet for ABIN6188015  
**anti-CD63 antibody**



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6 Images

## Overview

Quantity:	50 µL
Target:	CD63
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD63 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunofluorescence (IF), Immunostaining (Ist), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

## Product Details

Purpose:	Mouse Monoclonal anti-CD63 (MX-49.129.5), Purified, BSA-free
Immunogen:	Full length CD63 of human origin
Clone:	MX-49-129-5
Isotype:	IgG1 kappa
Characteristics:	<p>This MAb recognizes protein of 26 kDa-60 kDa, which is identified as CD63. Its epitope is different from that of MAb LAMP3/529. The tetraspanins are integral membrane proteins expressed on cell surface and granular membranes of hematopoietic cells and are components of multi-molecular complexes with specific integrins. The tetraspanin CD63 is a lysosomal membrane glycoprotein that translocates to the plasma membrane after platelet activation. CD63 is expressed on activated platelets, monocytes and macrophages, and is weakly expressed on granulocytes, T cell and B cells. It is located on the basophilic granule</p>

## Product Details

membranes and on the plasma membranes of lymphocytes and granulocytes. CD63 is a member of the TM4 superfamily of leukocyte glycoproteins that includes CD9, CD37 and CD53, which contain four transmembrane regions. CD63 may play a role in phagocytic and intracellular lysosome-phagosome fusion events. CD63 deficiency is associated with Hermansky-Pudlak syndrome and is strongly expressed during the early stages of melanoma progression. Primary antibodies are available purified, or with a selection of fluorescent CF® dyes and other labels. CF® dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Purification: Purified

## Target Details

Target: CD63

Alternative Name: CD63 (CD63 Products)

Molecular Weight: 26 kDa (core protein), 30-60 kDa (glycosylated)

Gene ID: 967, 445570

UniProt: [P08962](#)

## Application Details

Application Notes: Immunohistology formalin-fixed 0.5-1 µg/mL

- Staining of formalin-fixed tissues is enhanced by boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes
- Immunofluorescence 0.5-1 µg/mL
- Flow Cytometry 0.5-1 µg/million cells/0.1 mL
- Western blotting 0.5-1 µg/mL
- Optimal dilution for a specific application should be determined by user

Comment: SK-MEL-28, HL60, THP-1 or NIH/3T3 cells. Melanoma or lymphoma.

Restrictions: For Research Use only

## Handling

Format: Liquid

Handling

Concentration:	1 mg/mL
Buffer:	PBS (no BSA, no azide)
Preservative:	Azide free

Images

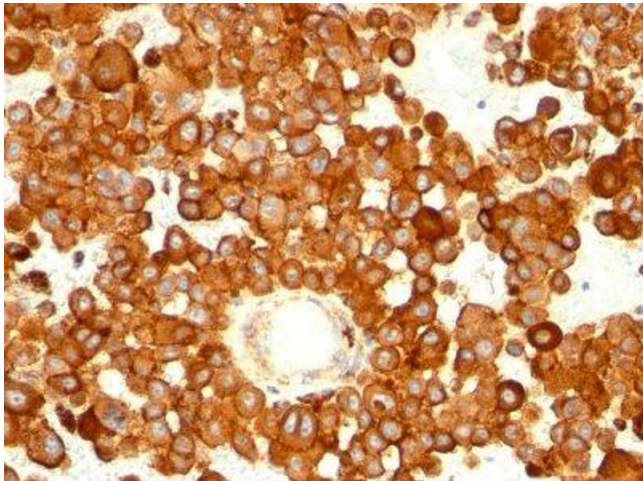


Image 1.

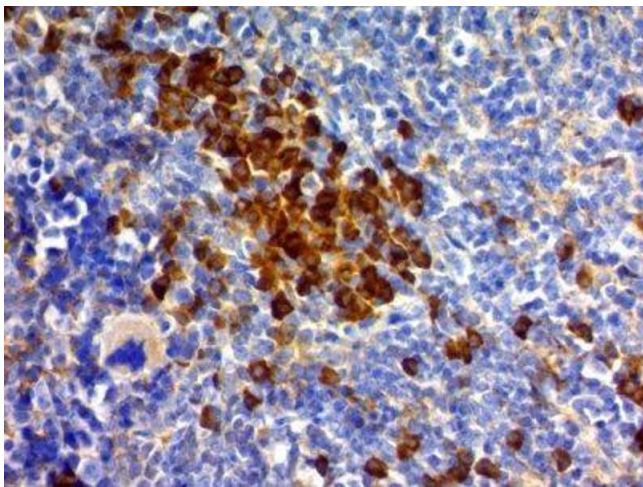


Image 2.

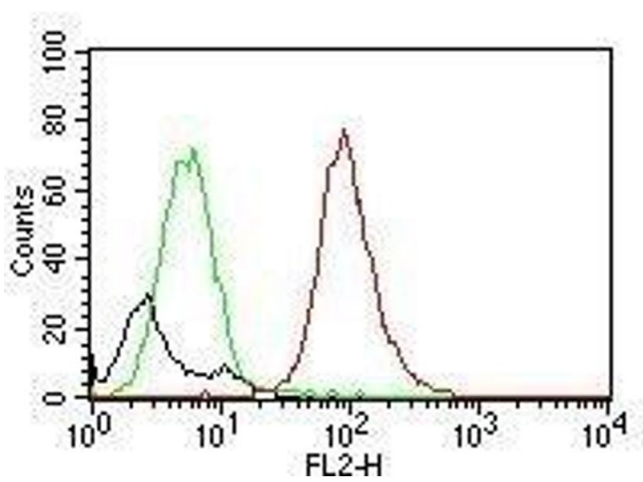


Image 3.

## Images

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Please check the [product details page](#) for more images. Overall 6 images are available for ABIN6188015.