

Datasheet for ABIN5684143
anti-CD63 antibody (AA 21-193)



[Go to Product page](#)

5 Images

Overview

Quantity:	0.1 mg
Target:	CD63
Binding Specificity:	AA 21-193
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD63 (AA: extra 103-203) expressed in E. coli.
Clone:	4C3B8
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	CD63
Alternative Name:	CD63 (CD63 Products)
Background:	Description: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins

Target Details

mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. The encoded protein is a cell surface glycoprotein that is known to complex with integrins. It may function as a blood platelet activation marker. Deficiency of this protein is associated with Hermansky-Pudlak syndrome. Also this gene has been associated with tumor progression. Alternative splicing results in multiple transcript variants encoding different protein isoforms.

Aliases: MLA1, ME491, LAMP-3, OMA81H, TSPAN30

Molecular Weight:	25.6 kDa
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Gene ID:	967
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HGNC:	958
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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Handling

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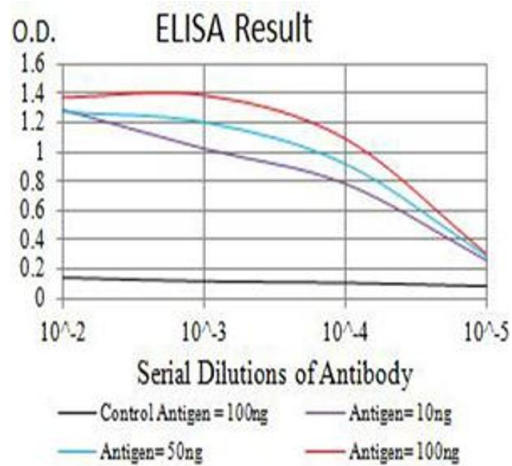
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled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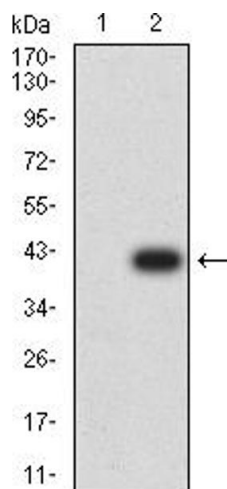
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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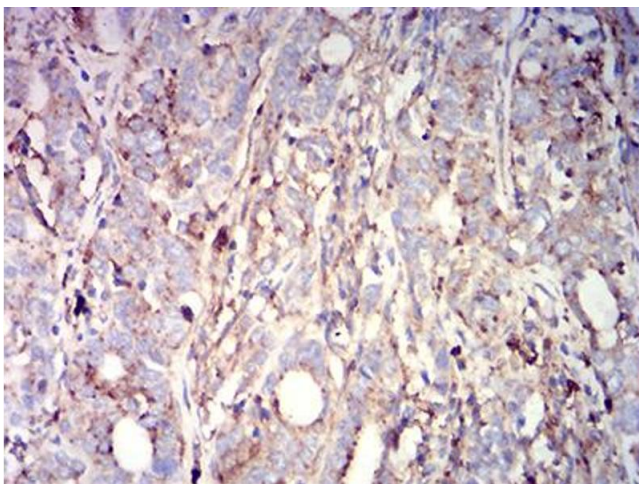
ELISA

Image 1. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using CD63 mAb against HEK293 (1) and CD63 (AA: extra 103-203)-hlgGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using CD63 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5684143.