

Datasheet for ABIN5684110
anti-ICAM-3/CD50 antibody (AA 30-203)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	ICAM-3/CD50 (ICAM3)
Binding Specificity:	AA 30-203
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ICAM-3/CD50 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD50 (AA: extra 30-203) expressed in E. coli.
Clone:	2H10G7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	ICAM-3/CD50 (ICAM3)
Alternative Name:	CD50 (ICAM3 Products)
Background:	Description: The protein encoded by this gene is a member of the intercellular adhesion

Target Details

molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin-like C2-type domains, and bind to the leukocyte adhesion LFA-1 protein. This protein is constitutively and abundantly expressed by all leucocytes and may be the most important ligand for LFA-1 in the initiation of the immune response. It functions not only as an adhesion molecule, but also as a potent signalling molecule. Alternative splicing results in multiple transcript variants encoding different isoforms.

Aliases: ICAM3, CDW50, ICAM-R

Molecular Weight:	59.5 kDa
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Gene ID:	3385
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HGNC:	3385
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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: N/A
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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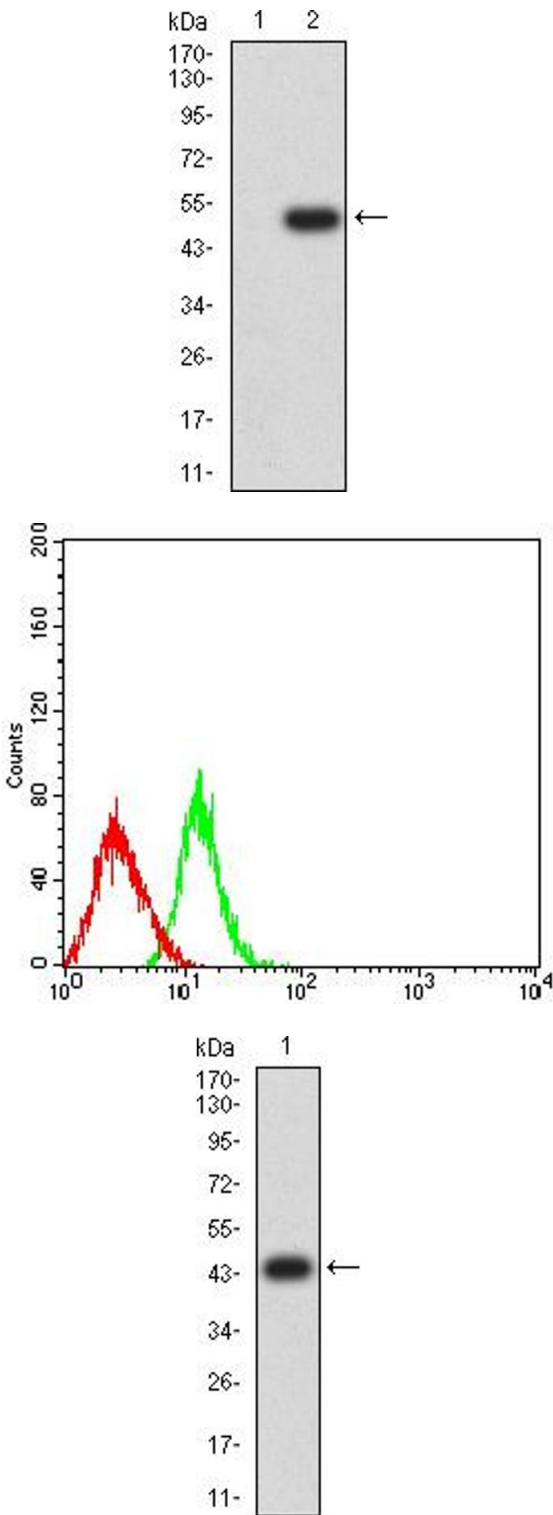
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled 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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Western Blotting

Image 1. Western blot analysis using CD50 mAb against HEK293 (1) and CD50 (AA: extra 30-203)-hlgGFc transfected HEK293 (2) cell lysate.

Flow Cytometry

Image 2. Flow cytometric analysis of HL-60 cells using CD50 mouse mAb (green) and negative control (red).

Western Blotting

Image 3. Western blot analysis using CD50 mAb against human CD50 (AA: extra 30-203) recombinant protein. (Expected MW is 44.8 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5684110.