9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-CD58 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1152

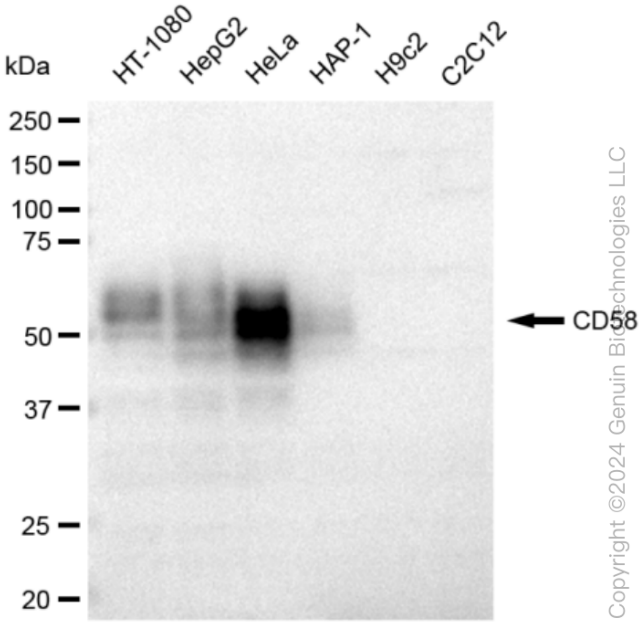
Product Overview

Name	KD-Validated Anti-CD58 Rabbit Monoclonal Antibody
Accession(Primary)	P19256
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from CD58
Species Reactivity	Human
Calculated MW	Predicted, 28 kDa , observed, 50-75 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

Target information (P19256)

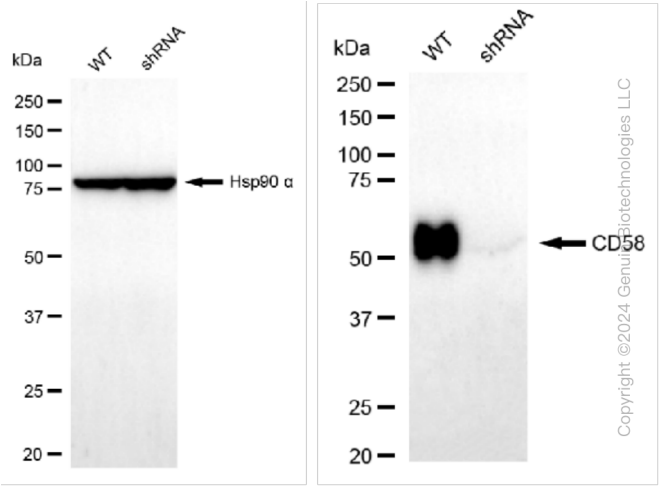
Gene Name	CD58
About Gene Symbol	CD58 (CD58 Molecule) is a membrane receptor involved in adaptive immunity. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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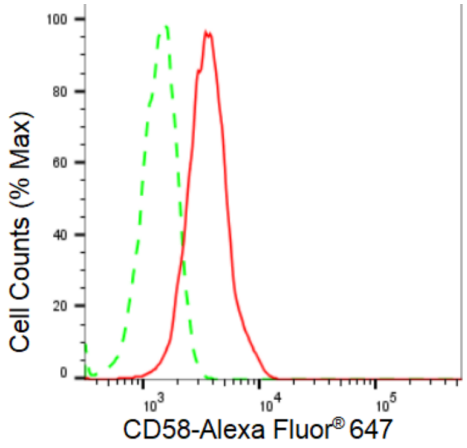
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Western blotting analysis using anti-CD58 antibody (Cat#ABG1152). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD58 antibody (Cat#ABG1152, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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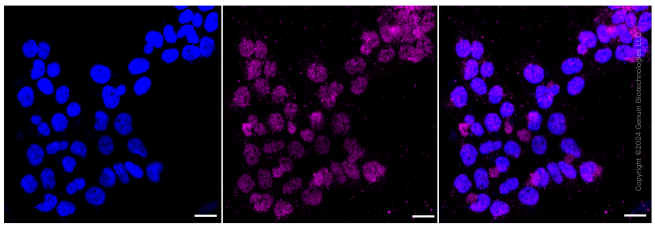
Western blotting analysis using anti-CD58 antibody (Cat#ABG1152). CD58 expression in wild type (WT) and CD58 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CD58 antibody (Cat#ABG1152, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of CD58 expression in HeLa cells using CD58 antibody (Cat#ABG1152, 1:2,000). Green, isotype control; red, CD58.

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Immunocytochemical staining of Hela cells with CD58 antibody (Cat#ABG1152, 1:1,000). Nuclei were stained blue with DAPI; CD58 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Low. Scale bar: 20 µm.