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

KD-Validated Anti-Mannose Receptor (CD206) Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1126

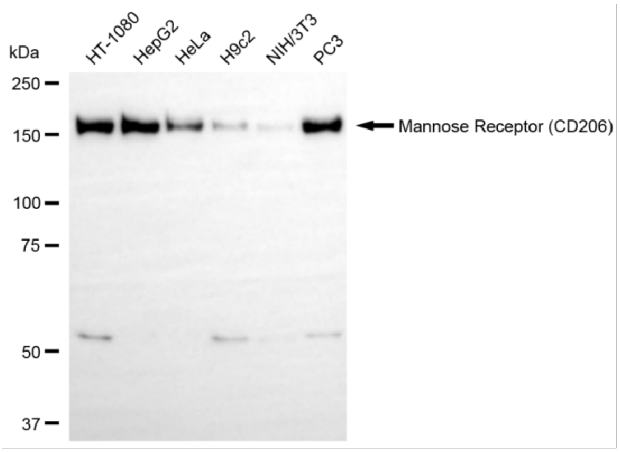
Product Overview

Name	KD-Validated Anti-Mannose Receptor (CD206) Rabbit Monoclonal Antibody
Accession(Primary)	P22897
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MRC1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 166 kDa; observed, 166 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (P22897)

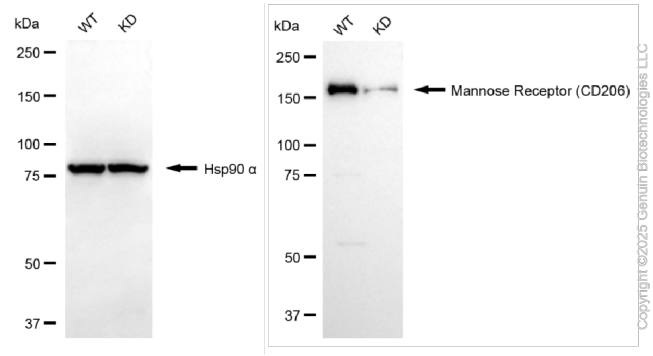
Gene Name	MRC1
About Gene Symbol	MRC1 (Mannose Receptor C-Type 1) is a membrane receptor involved in adaptive immunity. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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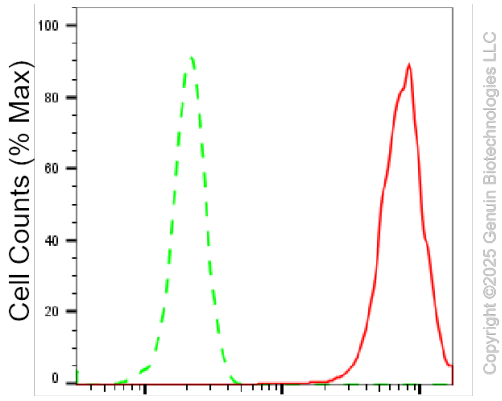
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Western blotting analysis using anti-mannose receptor (CD206) antibody (Cat#ABG1126). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-mannose receptor (CD206) antibody (Cat#ABG1126, 1:5,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



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Western blotting analysis using anti-mannose receptor (CD206) antibody (Cat#ABG1126). Mannose receptor (CD206) expression in wild-type (WT) and MRC1 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-mannose receptor (CD206) antibody (Cat#ABG1126, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

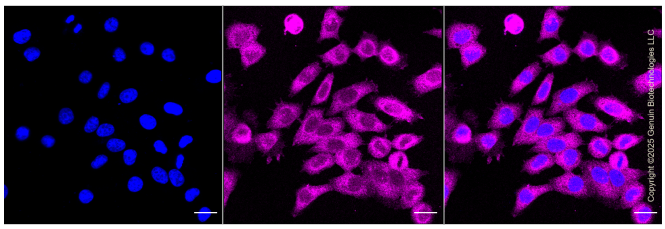


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Mannose Receptor (CD206)-Alexa Fluor® 647

Flow cytometric analysis of Mannose Receptor (CD206) expression in HepG2 cells using Mannose Receptor (CD206) antibody (Cat#ABG1126, 1:2,000). Green, isotype control; red, Mannose Receptor (CD206).

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Immunocytochemical staining of HepG2 cells with Mannose Receptor (CD206) antibody (Cat#ABG1126, 1:1,000). Nuclei were stained blue with DAPI; Mannose Receptor (CD206) was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar, 20 µm.