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

KD-Validated Anti-CD13 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1179

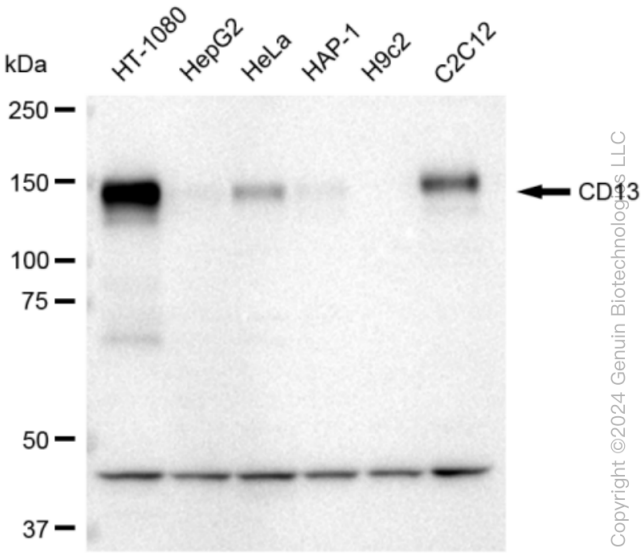
Product Overview

Name	KD-Validated Anti-CD13 Rabbit Monoclonal Antibody
Accession(Primary)	P15144
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CD13
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 110 kDa, observed, 150 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 (P15144)

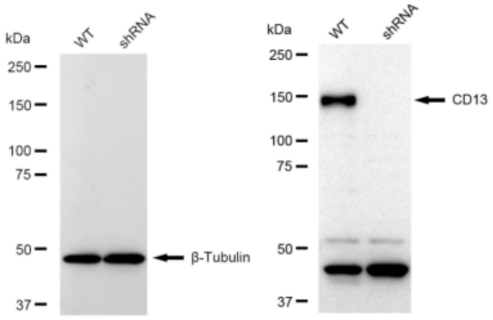
Gene Name	ANPEP
About Gene Symbol	ANPEP (Alanyl Aminopeptidase, Membrane) is a protease enzyme involved in adaptive immunity. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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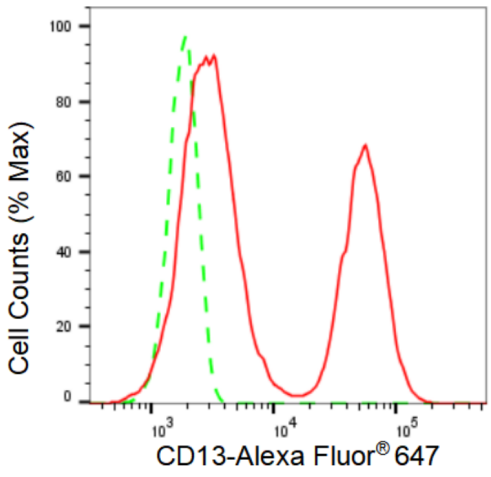
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Western blotting analysis using anti-CD13 antibody (Cat#ABG1179). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CD13 antibody (Cat#ABG1179, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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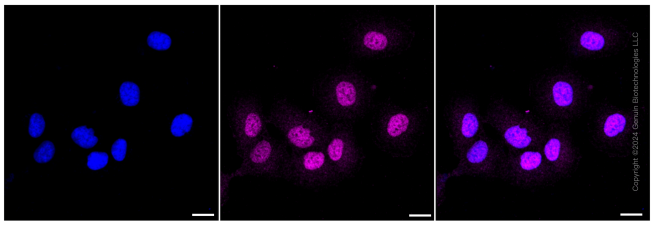
Western blotting analysis using anti-CD13 antibody (Cat#ABG1179). CD13 expression in wild type (WT) and CD13 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-CD13 antibody (Cat#ABG1179, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of CD13 expression in HT-1080 cells using CD13 antibody (Cat#ABG1179, 1:2,000). Green, isotype control; red, CD13.

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Immunocytochemical staining of HT-1080 cells with CD13 antibody (Cat#ABG1179, 1:1,000). Nuclei were stained blue with DAPI; CD13 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 µm.