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

KD-Validated Anti-Matrix metallopeptidase 14 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1260

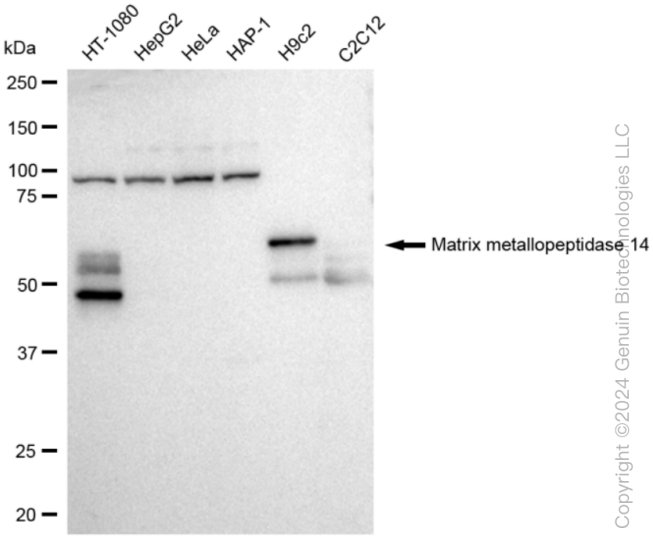
Product Overview

Name	KD-Validated Anti-Matrix metallopeptidase 14 Rabbit Monoclonal Antibody
Accession(Primary)	P50281
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MMP14
Species Reactivity	Human, Rat
Calculated MW	Predicted, 66 kDa , observed, 65 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

Target information (P50281)

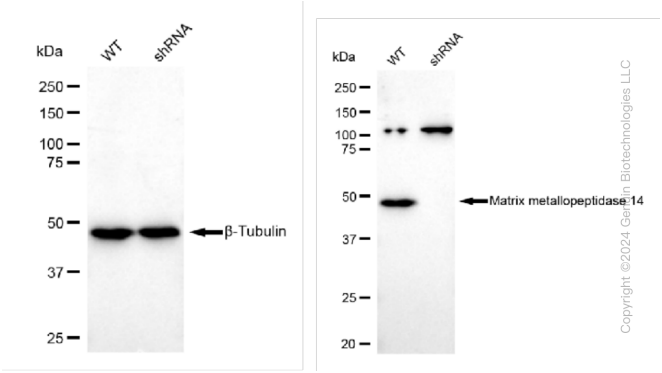
Gene Name	MMP14
About Gene Symbol	MMP14 (Matrix Metallopeptidase 14) is a protease enzyme involved in cellular metabolism. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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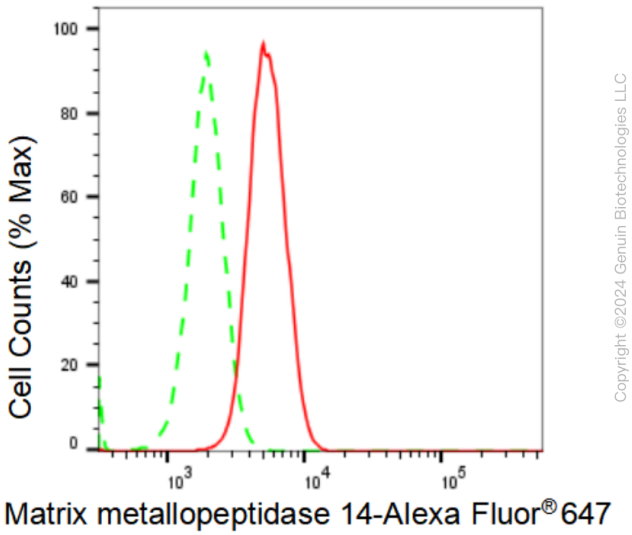
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Western blotting analysis using anti-Matrix metallopeptidase 14 antibody (Cat#ABG1260). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Matrix metallopeptidase 14 antibody (Cat#ABG1260, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-Matrix metallopeptidase 14 antibody (Cat#ABG1260). Matrix metallopeptidase 14 expression in wild type (WT) and matrix metallopeptidase 14 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-Matrix metallopeptidase 14 antibody (Cat#ABG1260, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Matrix metallopeptidase 14 expression in H9c2 cells using Matrix metallopeptidase 14 antibody (Cat#ABG1260, 1:2,000). Green, isotype control; red, Matrix metallopeptidase 14.