

KD-Validated Anti-Methionyl aminopeptidase 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

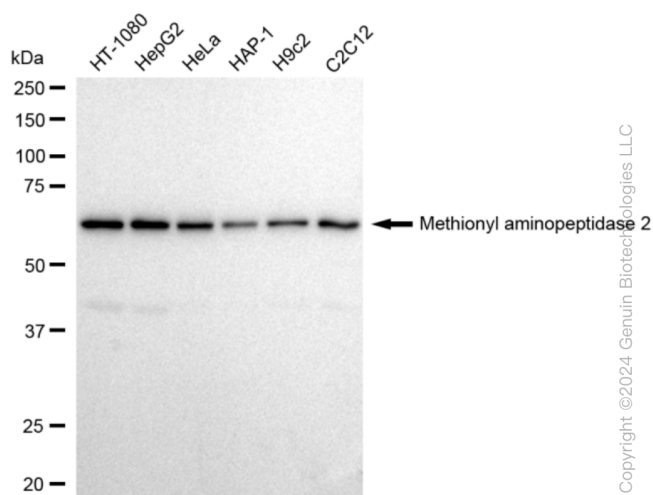
ABG1257

Product Overview

Name	KD-Validated Anti-Methionyl aminopeptidase 2 Rabbit Monoclonal Antibody
Accession(Primary)	P50579
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Methionine Aminopeptidase 2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 53 kDa , observed, 67 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

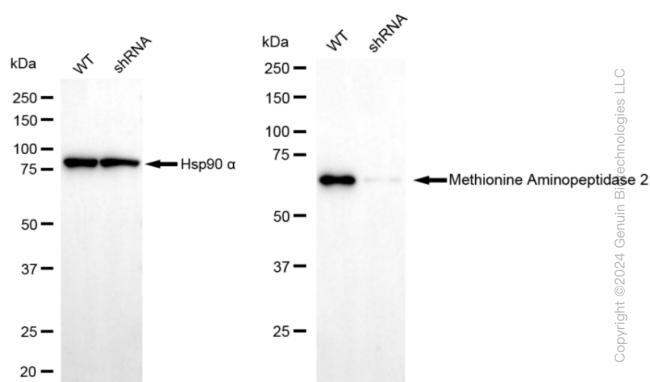
Target information (P50579)

Gene Name	METAP2
About Gene Symbol	METAP2 (Methionyl Aminopeptidase 2) 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.



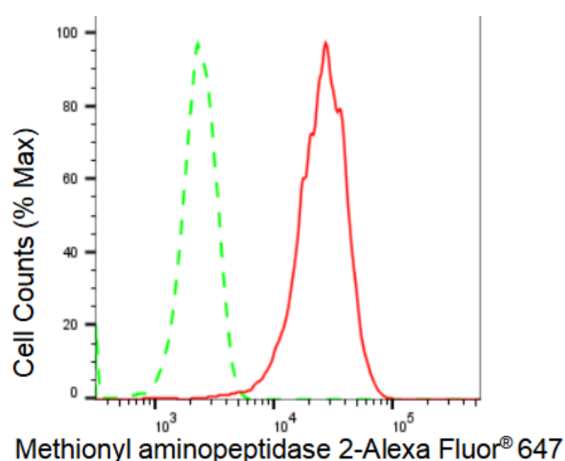
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Western blotting analysis using anti-Methionyl aminopeptidase 2 antibody (Cat#ABG1257). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Methionyl aminopeptidase 2 antibody (Cat#ABG1257, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



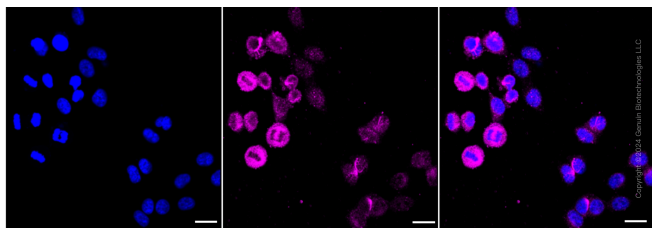
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Western blotting analysis using anti-Methionyl aminopeptidase 2 antibody (Cat#ABG1257). Methionyl aminopeptidase 2 expression in wild type (WT) and methionyl aminopeptidase 2 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-Methionyl aminopeptidase 2 antibody (Cat#ABG1257, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Methionyl aminopeptidase 2 expression in HepG2 cells using Methionyl aminopeptidase 2 antibody (Cat#ABG1257, 1:2,000). Green, isotype control; red, Methionyl aminopeptidase 2.



Immunocytochemical staining of HepG2 cells with Methionyl aminopeptidase 2 antibody (Cat#ABG1257, 1:1,000). Nuclei were stained blue with DAPI; Methionyl aminopeptidase 2 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 μ m.