

KD-Validated Anti-Methylthioadenosine phosphorylase

Rabbit monoclonal antibody

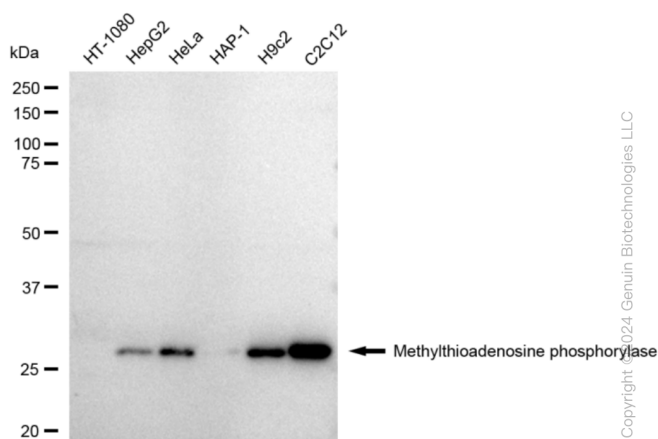
ABG1455

Product Overview

Name	KD-Validated Anti-Methylthioadenosine phosphorylase Rabbit Monoclonal Antibody
Accession(Primary)	Q13126
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human MTAP
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 31 kDa , observed, 29 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

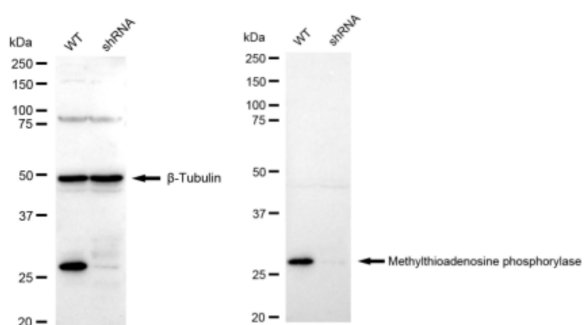
Target information (Q13126)

Gene Name	MTAP
About Gene Symbol	MTAP (Methylthioadenosine Phosphorylase) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



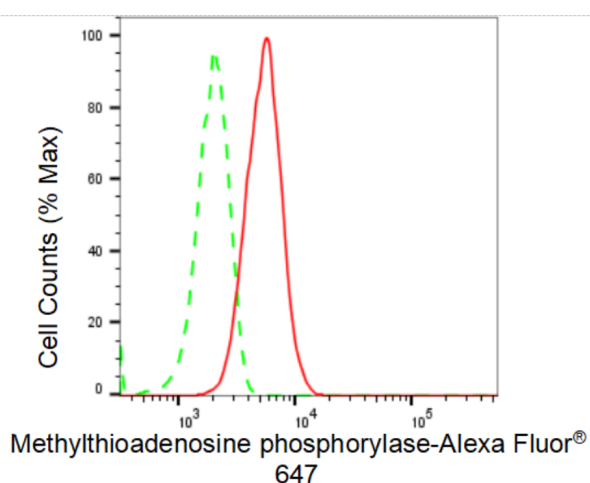
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Western blotting analysis using anti-Methylthioadenosine phosphorylase antibody (Cat#ABG1455). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Methylthioadenosine phosphorylase antibody (Cat#ABG1455, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



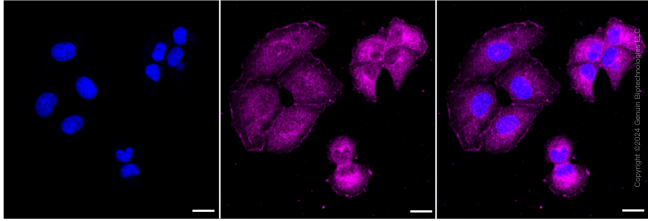
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Western blotting analysis using anti-Methylthioadenosine phosphorylase antibody (Cat#ABG1455). Methylthioadenosine phosphorylase expression in wild type (WT) and Methylthioadenosine phosphorylase shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Methylthioadenosine phosphorylase antibody (Cat#ABG1455, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Methylthioadenosine phosphorylase expression in HT-1080 cells using Methylthioadenosine phosphorylase antibody (Cat#ABG1455, 1:2,000). Green, isotype control; red, Methylthioadenosine phosphorylase.



Immunocytochemical staining of HT-1080 cells with Methylthioadenosine phosphorylase antibody (Cat#ABG1455, 1:1,000). Nuclei were stained blue with DAPI; Methylthioadenosine phosphorylase 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 μ m.