

KD-Validated Anti-PSMA1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

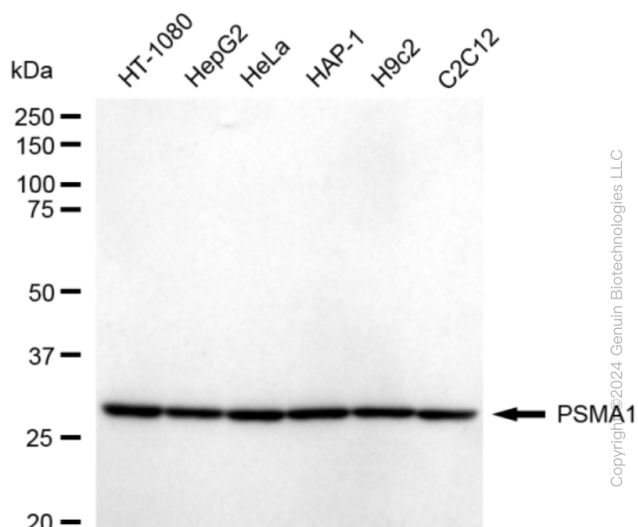
ABG1695

Product Overview

Name	KD-Validated Anti-PSMA1 Rabbit Monoclonal Antibody
Accession(Primary)	P25786
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Proteasome 20S C2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 30 kDa , observed, 30 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

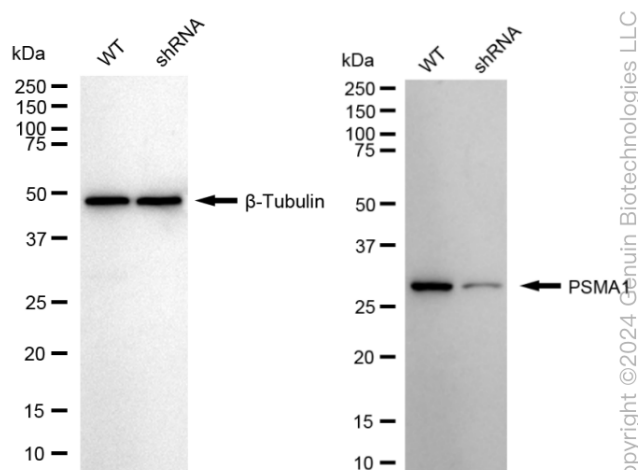
Target information (P25786)

Gene Name	PSMA1
About Gene Symbol	PSMA1 (Proteasome 20S Subunit Alpha 1) is a protease enzyme involved in ubiquitin-proteasome pathway. 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.



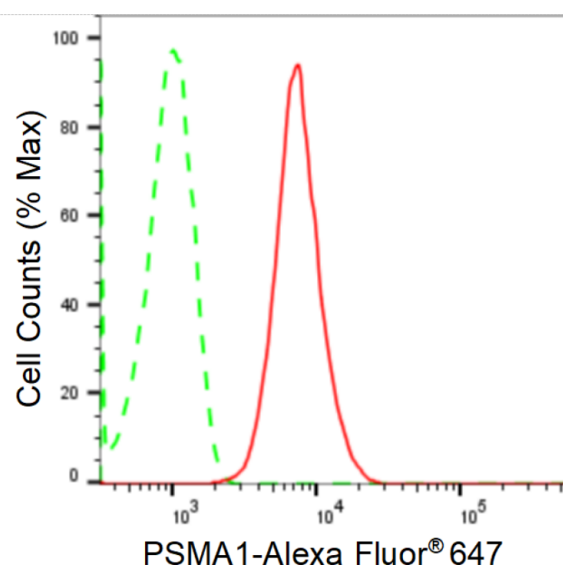
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Western blotting analysis using anti-PSMA1 antibody (Cat#ABG1695). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PSMA1 antibody (Cat#ABG1695, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-PSMA1 antibody (Cat#ABG1695). PSMA1 expression in wild type (WT) and PSMA1 shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-PSMA1 antibody (Cat#ABG1695, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of PSMA1 expression in HT-1080 cells using anti-PSMA1 antibody (Cat#ABG1695, 1:2,000). Green, isotype control; red, PSMA1.