

KD-Validated Anti-PTGS1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

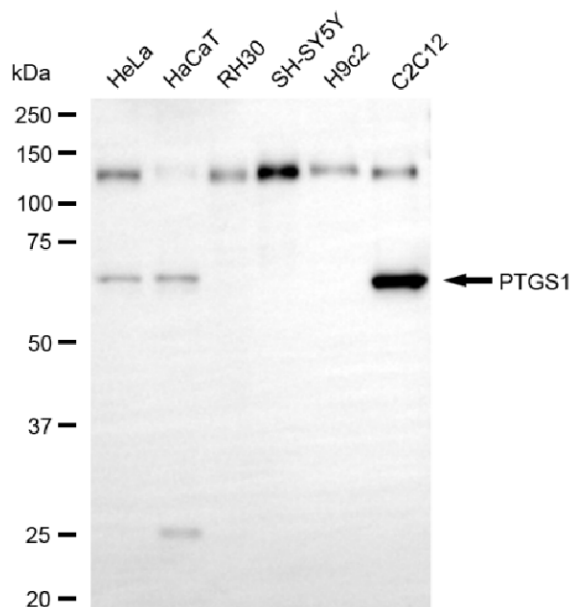
ABG2239

Product Overview

Name	KD-Validated Anti-PTGS1 Rabbit Monoclonal Antibody
Accession(Primary)	P23219
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PTGS1
Species Reactivity	Human, Mouse
Calculated MW	Predicted, 69 kDa; observed, 69 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

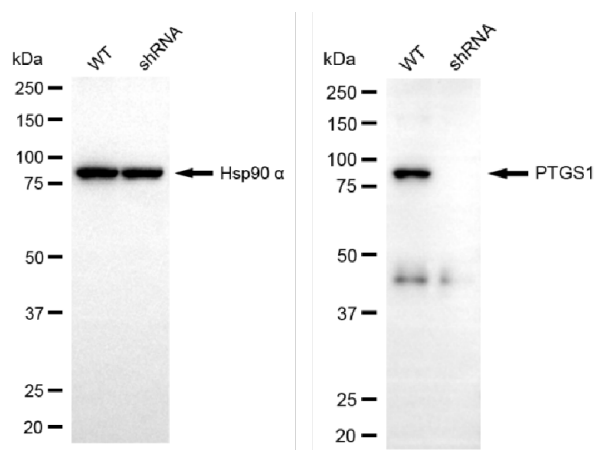
Target information (P23219)

Gene Name	PTGS1
About Gene Symbol	PTGS1 (Prostaglandin-Endoperoxide Synthase 1) is a biosynthetic 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.



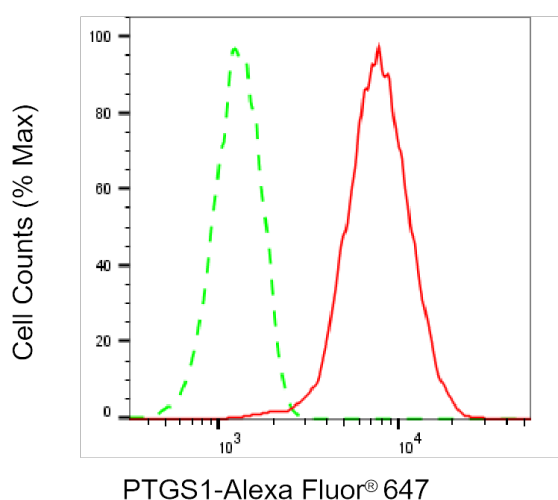
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Western blotting analysis using anti-PTGS1 antibody (Cat#ABG2239). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-PTGS1 antibody (Cat#ABG2239, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-PTGS1 antibody (Cat#ABG2239). PTGS1 expression in wild-type (WT) and PTGS1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-PTGS1 antibody (Cat#ABG2239, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of PTGS1 expression in C2C12 cells using anti-PTGS1 antibody (Cat#ABG2239, 1:2,000). Green, isotype control; red, PTGS1.