

KO-Validated Anti-Protein Regulator Of Cytokines 1 Rabbit

Rabbit monoclonal antibody

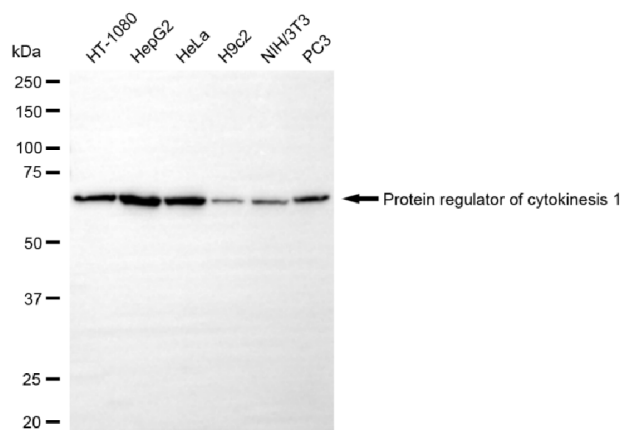
ABG2432

Product Overview

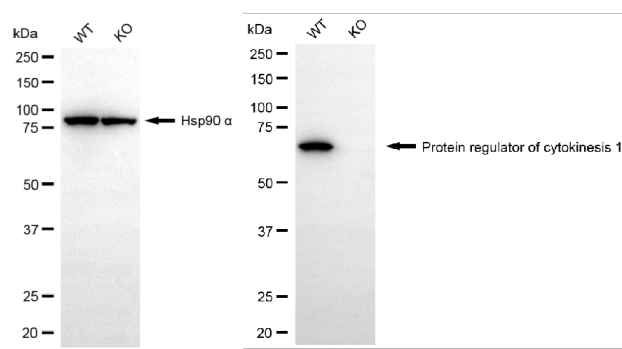
Name	KO-Validated Anti-Protein Regulator Of Cytokines 1 Rabbit Monoclonal Antibody
Accession(Primary)	O43663
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human PRC1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 72 kDa; observed, 72 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Flow Cytometry (FCM): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (O43663)

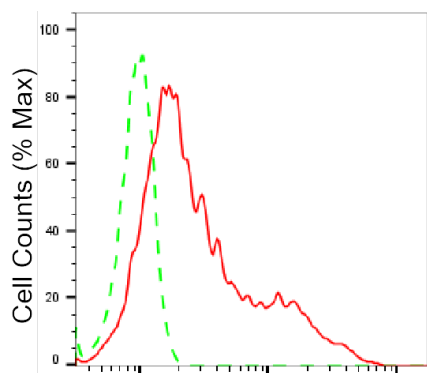
Gene Name	PRC1
About Gene Symbol	PRC1 (Protein Regulator Of Cytokines 1) is a cytokine and immune signaling protein involved in JAK-STAT/cytokine signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



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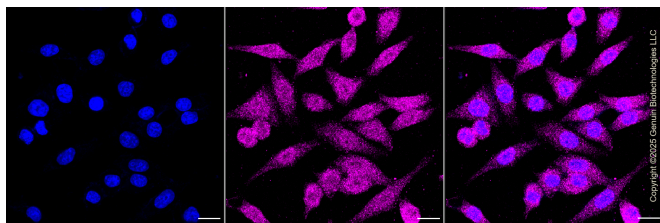
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Protein regulator of cytokinesis 1-Alexa Fluor® 647

Western blotting analysis using anti-protein regulator of cytokinesis 1 antibody (Cat#ABG2432). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-protein regulator of cytokinesis 1 antibody (Cat#ABG2432, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Western blotting analysis using anti-protein regulator of cytokinesis 1 antibody (Cat#ABG2432). Protein regulator of cytokinesis 1 expression in wild-type (WT) and protein regulator of cytokinesis 1 (PRC1) knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-protein regulator of cytokinesis 1 antibody (Cat#ABG2432, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Flow cytometric analysis of Protein regulator of cytokinesis 1 expression in HepG2 cells using anti-Protein regulator of cytokinesis 1 antibody (Cat#ABG2432, 1:2,000). Green, isotype control; red, Protein regulator of cytokinesis 1.



Immunocytochemical staining of HepG2 cells with anti-Protein regulator of cytokinesis 1 antibody (Cat#ABG2432, 1:1,000). Nuclei were stained blue with DAPI; Protein regulator of cytokinesis 1 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.