

KD-Validated Anti-Oxoglutarate receptor 1 Rabbit

Rabbit monoclonal antibody

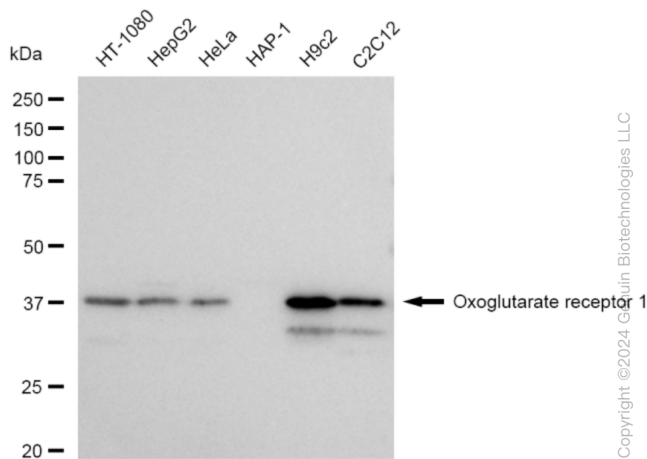
ABG1457

Product Overview

Name	KD-Validated Anti-Oxoglutarate receptor 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q96P68
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human OXGR1 / GPR99
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 38 kDa , observed, 36 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

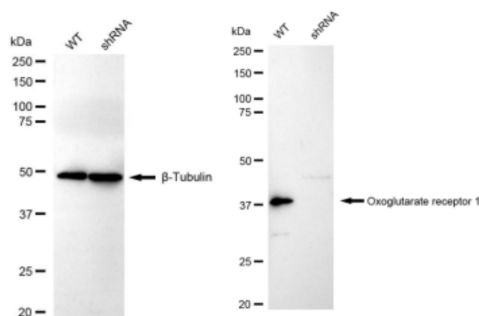
Target information (Q96P68)

Gene Name	OXGR1
About Gene Symbol	OXGR1 (Oxoglutarate Receptor 1) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



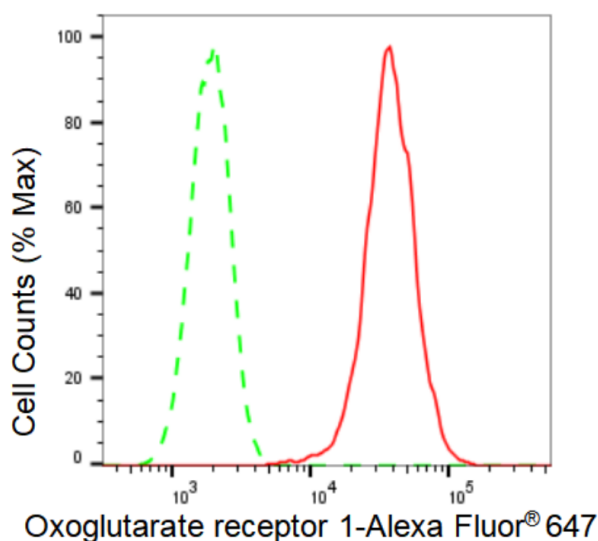
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Western blotting analysis using anti-Oxoglutarate receptor 1 antibody (Cat#ABG1457). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Oxoglutarate receptor 1 antibody (Cat#ABG1457, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



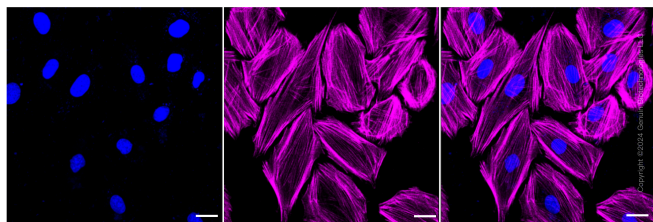
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Western blotting analysis using anti-Oxoglutarate receptor 1 antibody (Cat#ABG1457). Oxoglutarate receptor 1 expression in wild type (WT) and Oxoglutarate receptor 1 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Oxoglutarate receptor 1 antibody (Cat#ABG1457, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Oxoglutarate receptor 1 expression in H9c2 cells using Oxoglutarate receptor 1 antibody (Cat#ABG1457, 1:2,000). Green, isotype control; red, Oxoglutarate receptor 1.



Immunocytochemical staining of H9C2 cells with Oxoglutarate receptor 1 antibody (Cat#ABG1457, 1:1,000). Nuclei were stained blue with DAPI; Oxoglutarate receptor 1 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.