9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-USO1 Vesicle Transport Factor Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1760

Product Overview

Name	KD-Validated Anti-USO1 Vesicle Transport Factor Rabbit Monoclonal Antibody
Accession(Primary)	O60763
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human USO1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 108 kDa , observed , 108 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 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (O60763)

Gene Name	USO1
About Gene Symbol	USO1 (USO1 Vesicle Transport Factor) is a protein kinase and signaling regulator involved in vesicular trafficking. 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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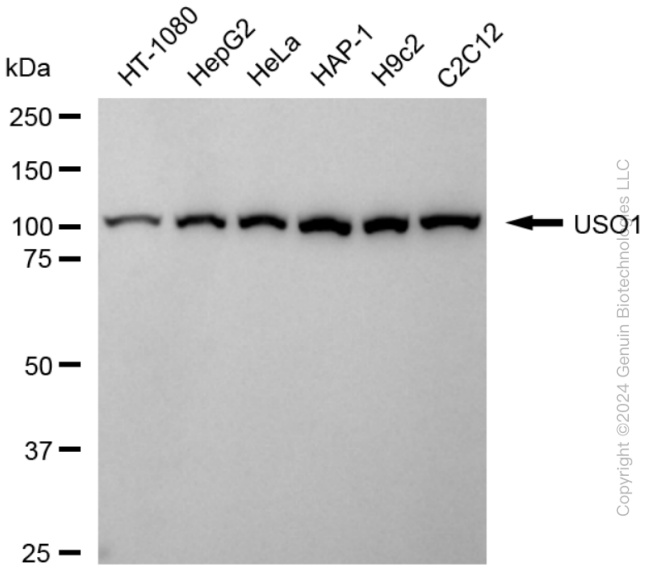
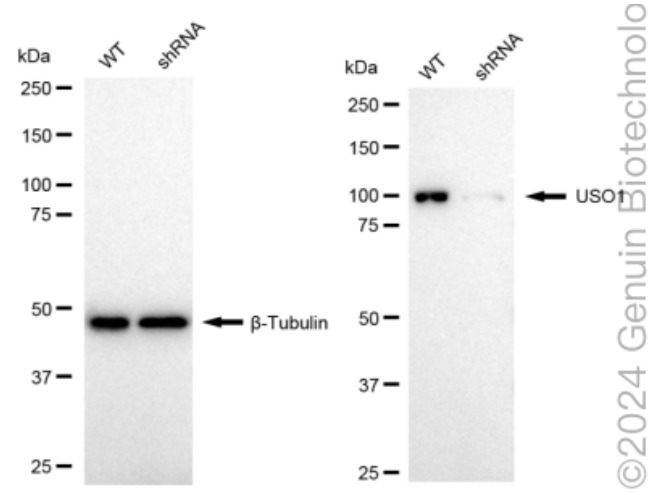
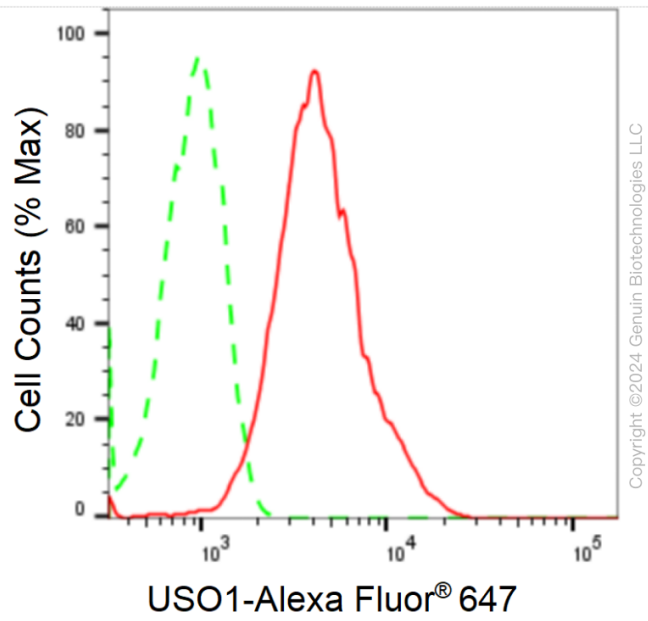


Western blotting analysis using anti-USO1 antibody (Cat#ABG1760). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-USO1 antibody (Cat#ABG1760, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-USO1 antibody (Cat#ABG1760). USO1 expression in wild type (WT) and USO1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-USO1 antibody (Cat#ABG1760, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of USO1 expression in HepG2 cells using anti-USO1 antibody (Cat#ABG1760, 1:2,000). Green, isotype control; red, USO1.

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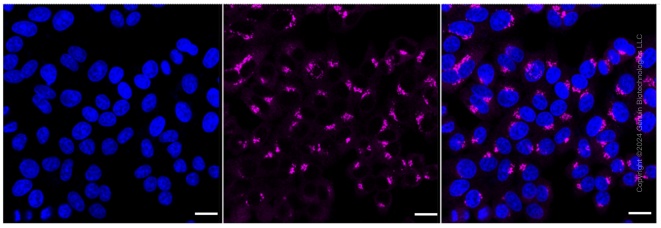

Immunocytochemical staining of HepG2 cells with anti-USO1 antibody (Cat#ABG1760, 1:1,000). Nuclei were stained blue with DAPI; USO1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.