

KD-Validated Anti-USP48 Mouse Monoclonal Antibody



Catalog #: 65870

Aliases

USP48; Ubiquitin Specific Peptidase 48; USP31; Ubiquitin-Specific-Processing Protease 48; Ubiquitin Carboxyl-Terminal Hydrolase 48; Ubiquitin Specific Protease 31; Deubiquitinating Enzyme 48; Ubiquitin Thioesterase 48; FLJ23277; FLJ11328; FLJ20103; FLJ23054; MGC14879; Ubiquitin-Specific Peptidase 48; Ubiquitin Specific Protease 48; Ubiquitin-Specific Protease 48; Ubiquitin Thiolesterase 48; EC 3.4.19.12; EC 3.1.2.15; RAP1GA1; DFNA85

Background

Gene Name: USP48

NCBI Gene Entry: [84196](#)

UniProt Entry: [Q86UV5](#)

Application Information

Molecular Weight: Predicted, 119 kDa, observed, 145 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB5540

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

Recombinant protein of human USP48

Isotype

Mouse IgG2a

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:200-1:1,000

Flow Cytometry (FCM): 1:200-1:2,000

SUPPORT

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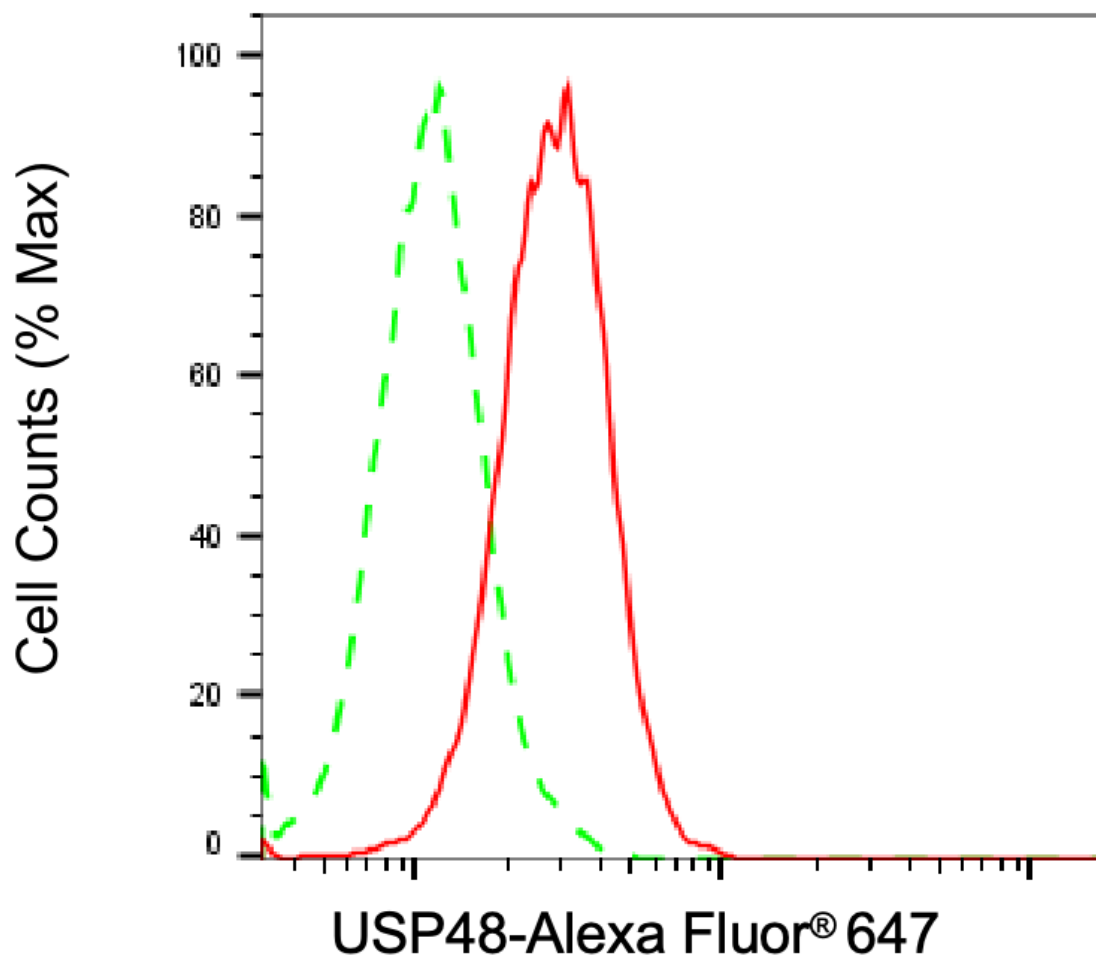
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Note: This product is for research use only.

Validation Data



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Flow cytometric analysis of USP48 expression in HAP-1 cells using anti-USP48 antibody (Cat#65870, 1:2,000). Green, isotype control; red, USP48.

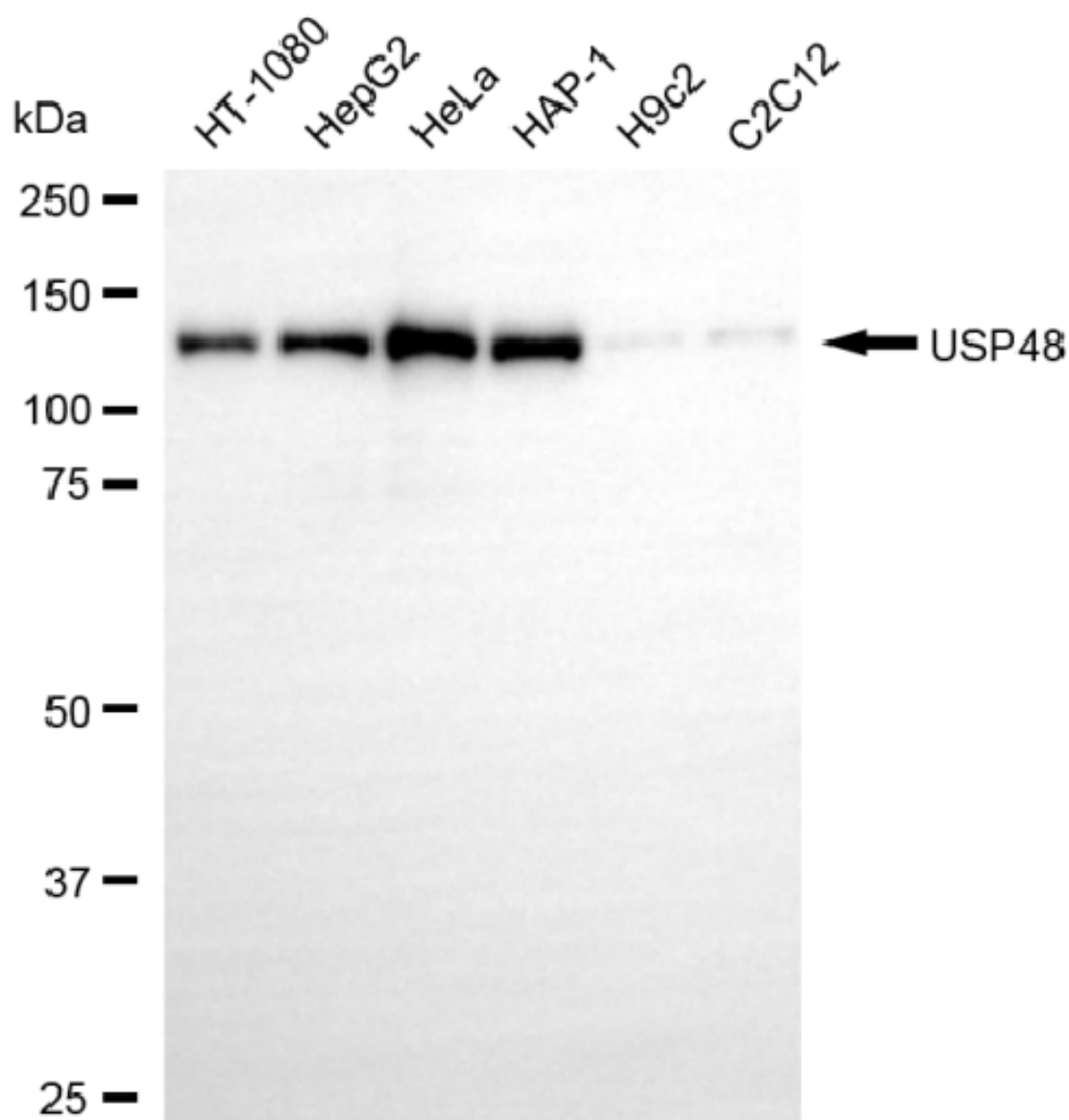
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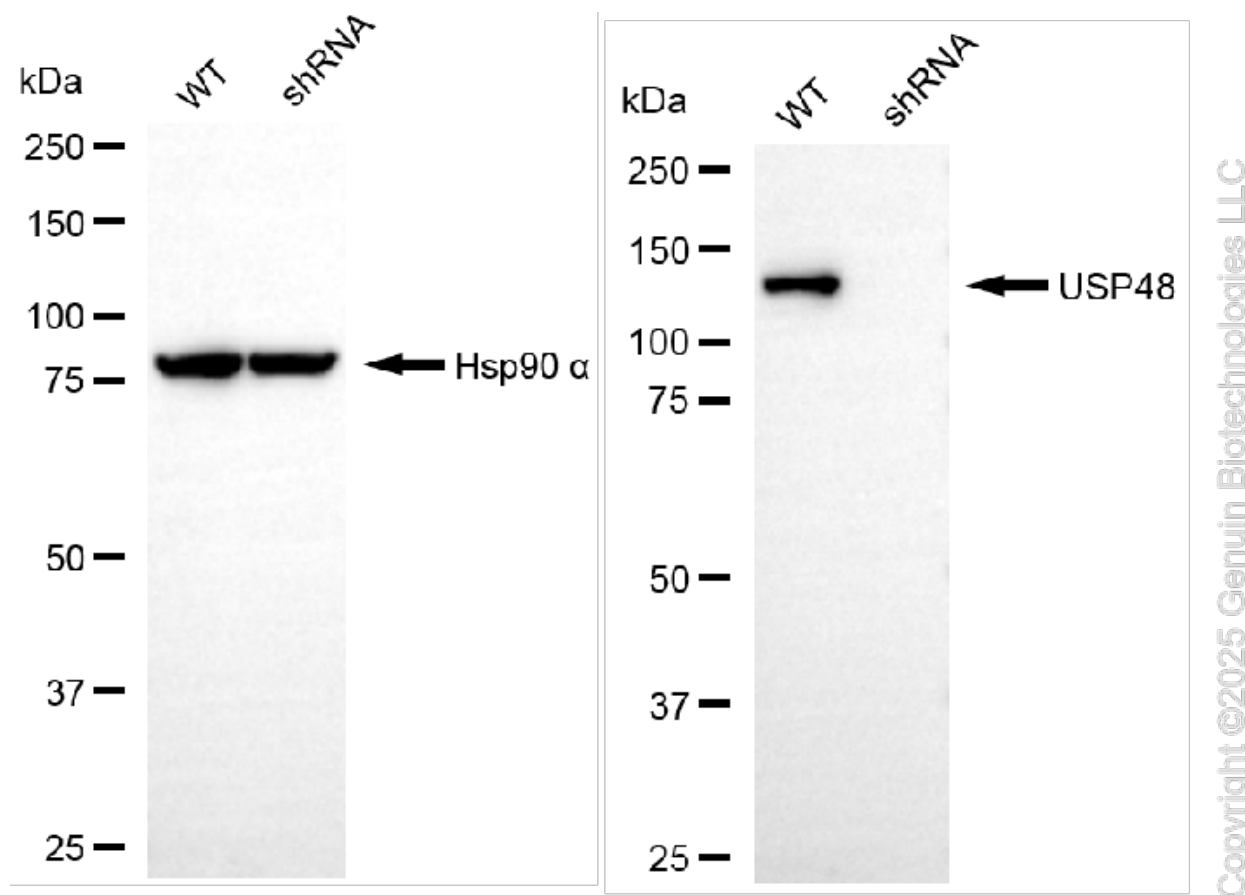
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Western blotting analysis using anti-USP48 antibody (Cat#65870). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-USP48 antibody (Cat#65870, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-USP48 antibody (Cat#65870). USP48 expression in wild-type (WT) and USP48 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-USP48 antibody (Cat#65870, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).