

# KO-Validated GAPDH Mouse mAb



## Catalog #: 71172

### Aliases

GAPDH; Glyceraldehyde-3-Phosphate Dehydrogenase; GAPD; Peptidyl-Cysteine S-Nitrosylase  
GAPDH; EC 1.2.1.12; Epididymis Secretory Sperm Binding Protein Li 162eP; Oct1 Coactivator  
In S Phase, 38 Kd Component; Aging-Associated Gene 9 Protein; OCAS, P38 Component; HEL-  
S-162eP; EC 2.6.99.-; EC 1.2.1; G3PD

### Background

Gene Name: GAPDH

NCBI Gene Entry: 2597

UniProt Entry: P04406

### Application Information

Molecular Weight: Predicted, 36 kDa; observed, 36 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB7870

Species Reactivity: Human, mouse, rat

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

### Immunogen

A synthesized peptide derived from human GAPDH

### Isotype

Mouse IgG

### 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): 1:4,000-1:20,000

Flow Cytometry (FCM): 1:2,000

**Note:** This product is for research use only.

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TEL: +1-540-855-7041

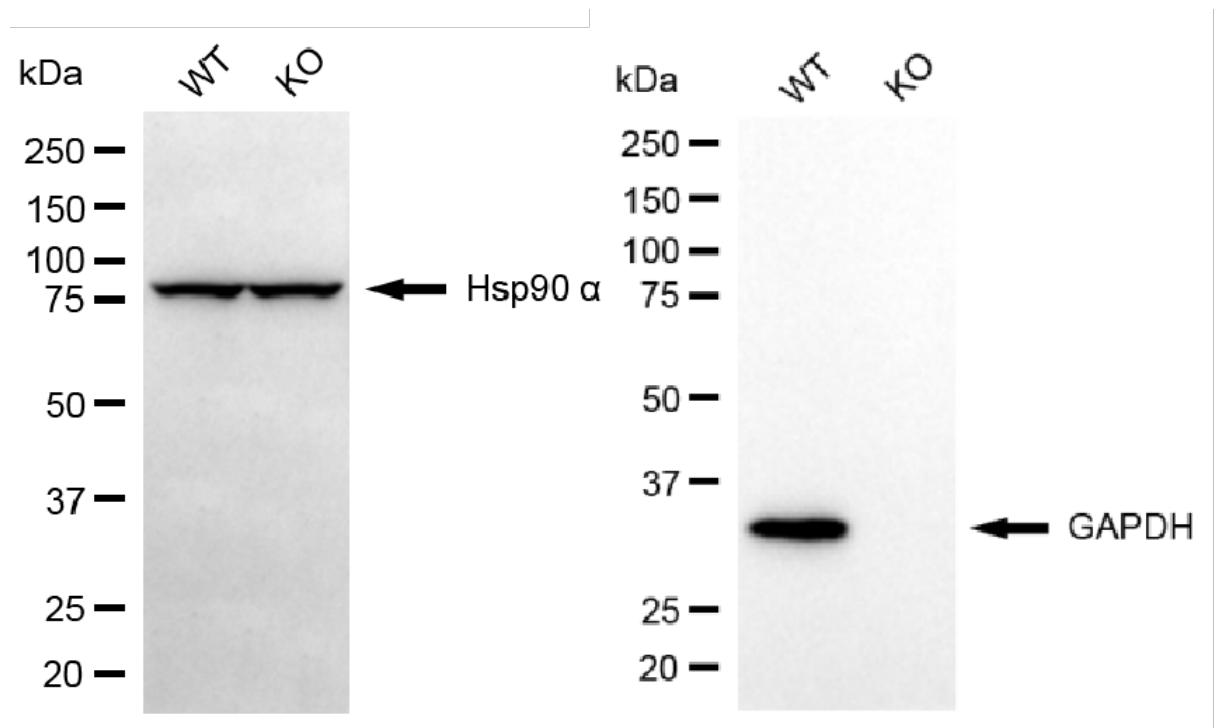
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## Validation Data



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Western blotting analysis using GAPDH antibody (Cat#71172). GAPDH expression in wild type (WT) and GAPDH knockout (KO) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with GAPDH antibody (Cat#71172, 1:20,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

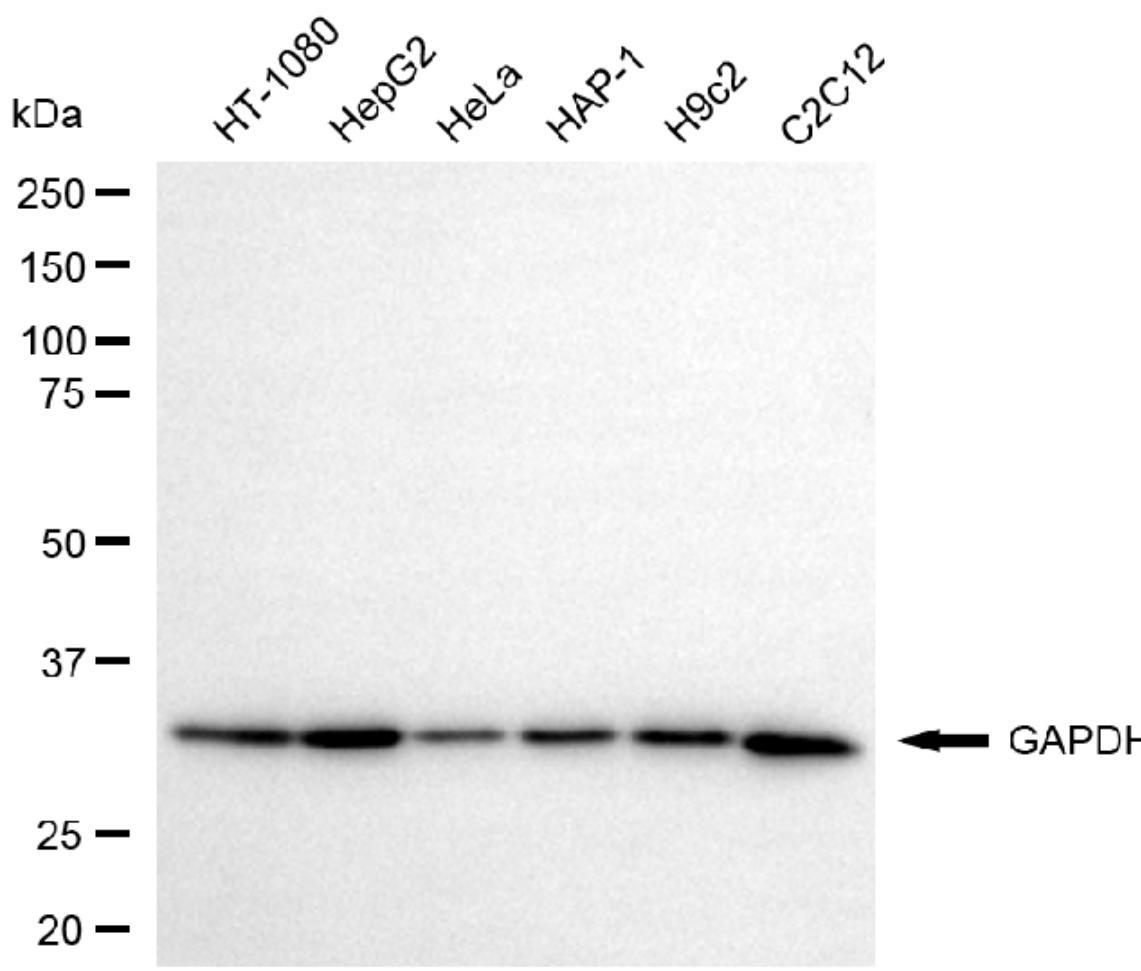
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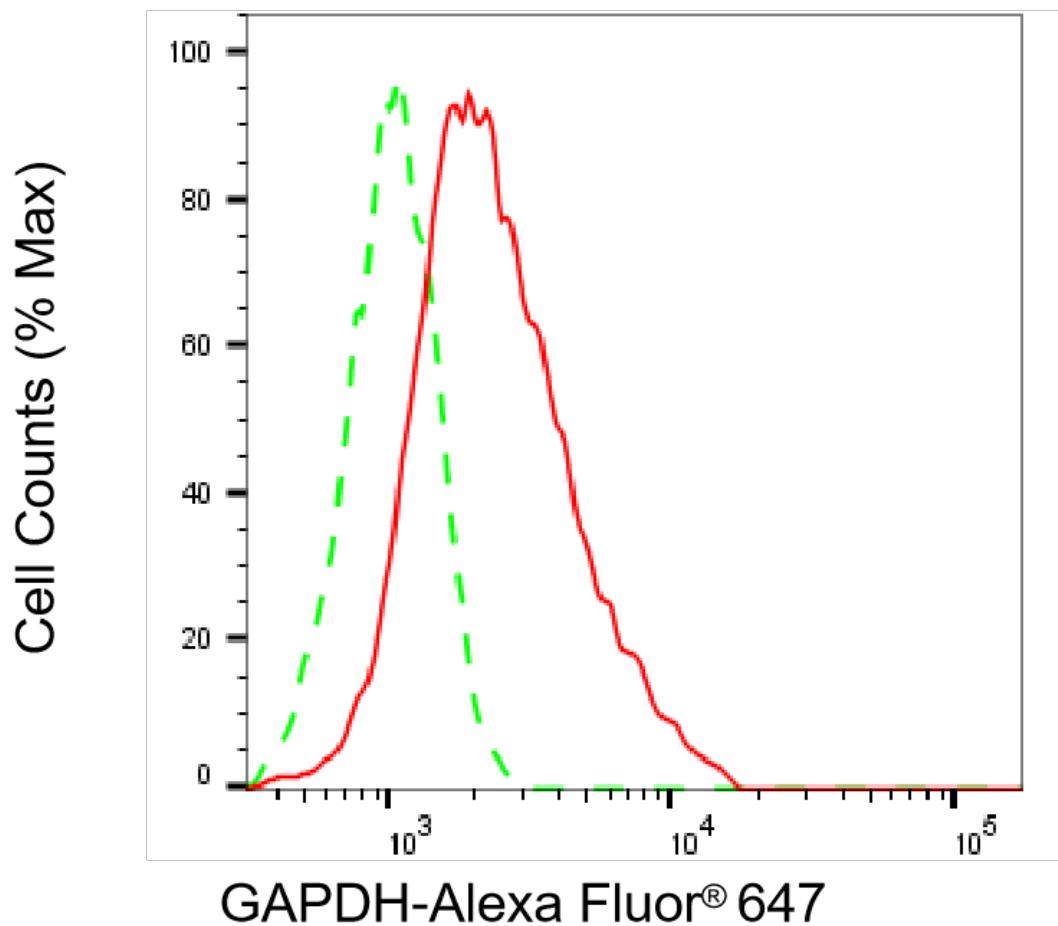
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Western blotting analysis using GAPDH antibody (Cat#71172). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with GAPDH antibody (Cat#71172, 1:20,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



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Flow cytometric analysis of GAPDH expression in HepG2 cells using GAPDH antibody (Cat#71172, 1:2,000). Green, isotype control; red, GAPDH.