

KD-Validated Anti-Sequestosome 1 Recombinant Rabbit Monoclonal Antibody



Catalog #: 61668

Aliases

SQSTM1; Sequestosome 1; P60; P62B; A170; OSIL; P62; Phosphotyrosine-Independent Ligand For The Lck SH2 Domain Of 62 KDa; EBI3-Associated Protein Of 60 KDa; Oxidative Stress Induced Like; Ubiquitin-Binding Protein P62; Autophagy Receptor P62; Sequestosome-1; EBIAP; PDB3; Phosphotyrosine Independent Ligand For The Lck SH2 Domain P62; EBI3-Associated Protein P60; Paget Disease Of Bone 3; FTDALS3; NADGP; DMRV; ZIP3; ORCA

Background

Gene Name: SQSTM1

NCBI Gene Entry: [8878](#)

UniProt Entry: [Q13501](#)

Application Information

Molecular Weight: Predicted, 48 kDa, observed, 62 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB3255

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human p62/SQSTM1

Isotype

Rabbit 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): 1:2,000-1:10,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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TEL: +1-540-855-7041

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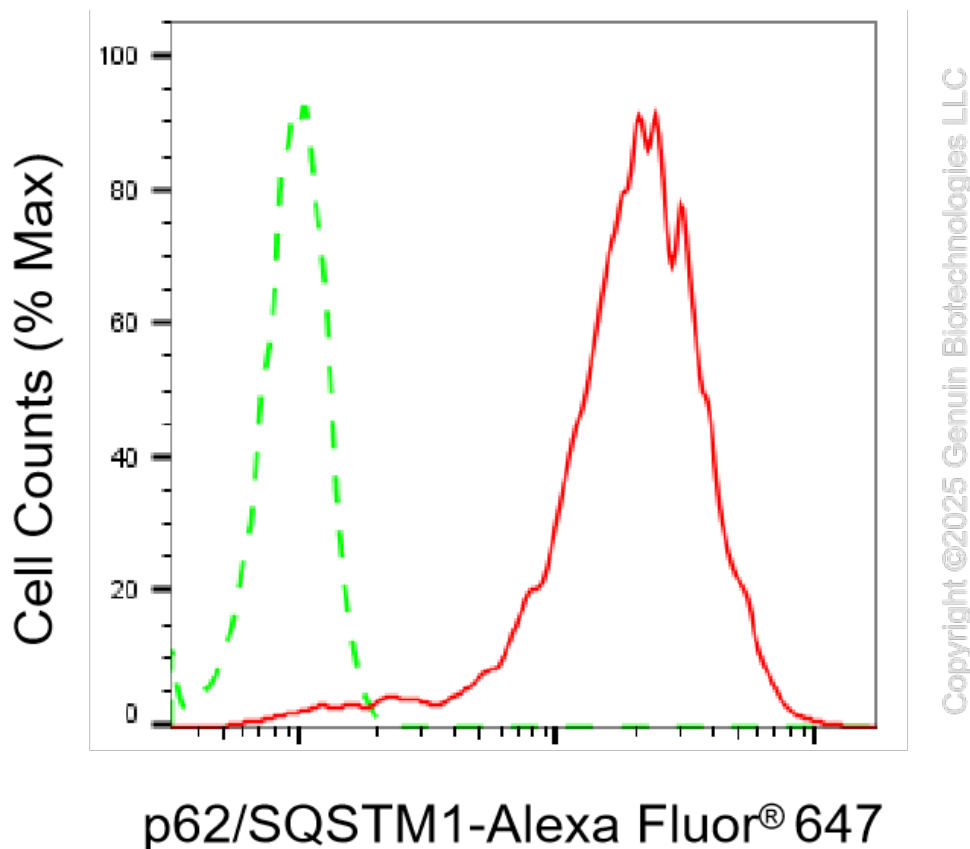
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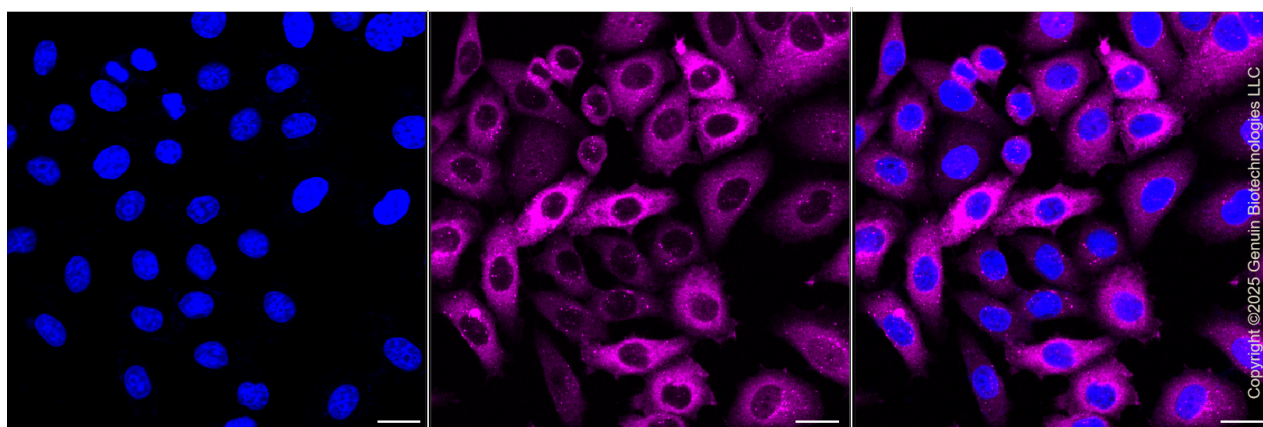
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Note: This product is for research use only.

Validation Data



Flow cytometric analysis of p62/SQSTM1 expression in HepG2 cells using anti-p62/SQSTM1 antibody (Cat#61668, 1:2,000). Green, isotype control; red, p62/SQSTM1.



Immunocytochemical staining of HepG2 cells with anti-p62/SQSTM1 antibody (Cat#61668, 1:1,000). Nuclei were stained blue with DAPI; p62/SQSTM1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity

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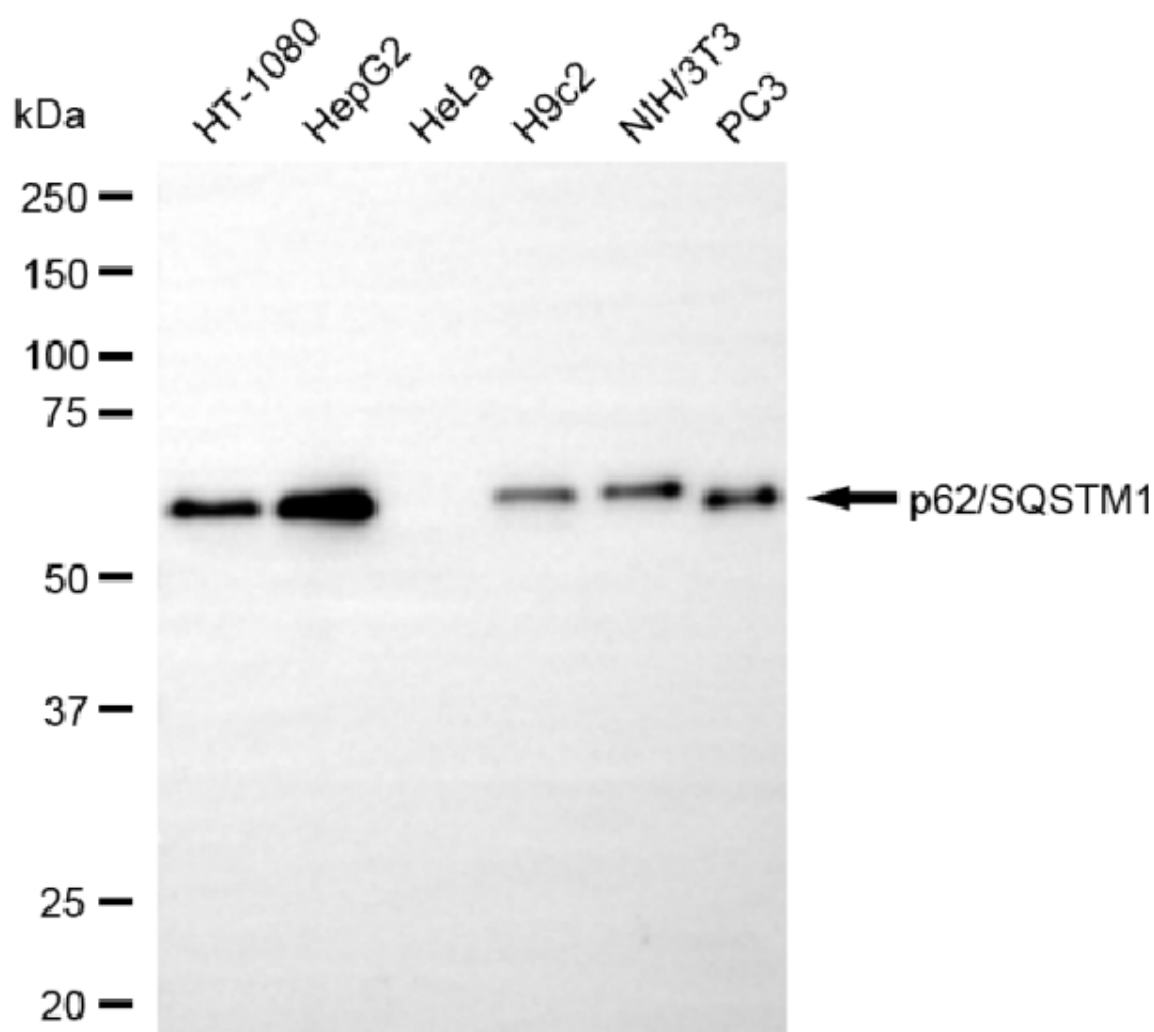
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and smart gain: Medium. Scale bar, 20 μ m.



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Western blotting analysis using anti-p62/SQSTM1 antibody (Cat#61668). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-p62/SQSTM1 antibody (Cat#61668, 1:10,000) and HRP-conjugated goat anti rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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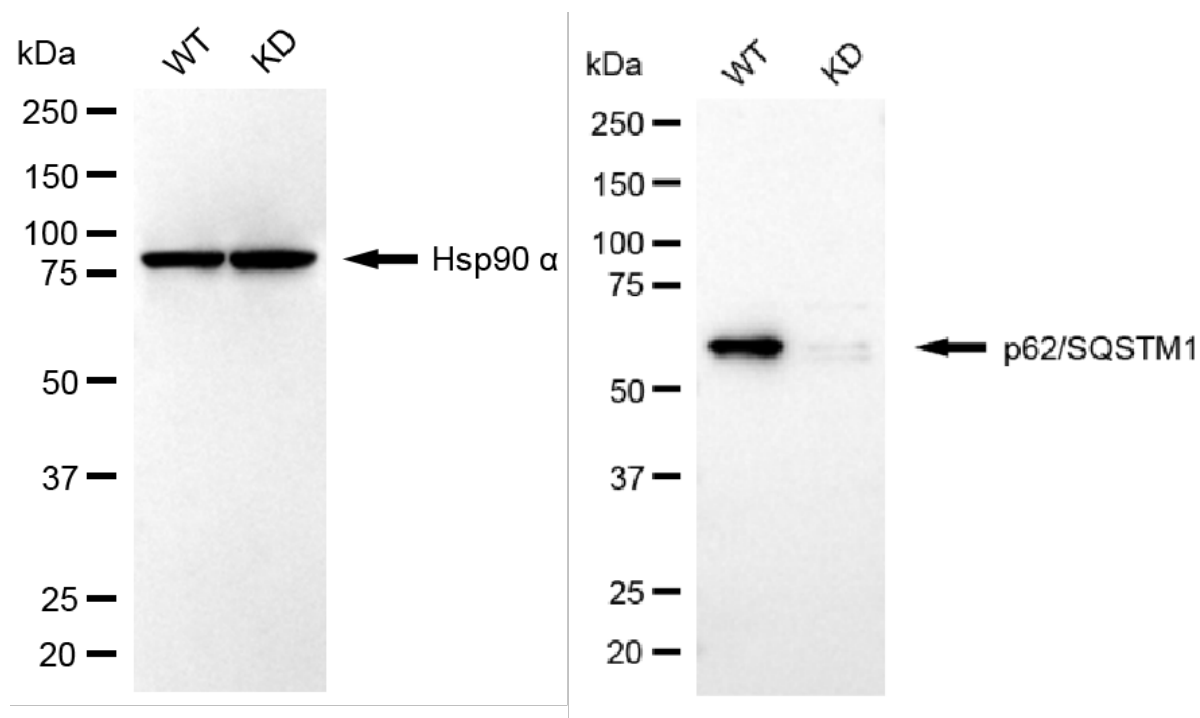
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Western blotting analysis using anti-p62/SQSTM1 antibody (Cat#61668). p62/SQSTM1 expression in wild type (WT) and SQSTM1 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-p62/SQSTM1 antibody (Cat#61668, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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