

KD-Validated Anti-Sequestosome 1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

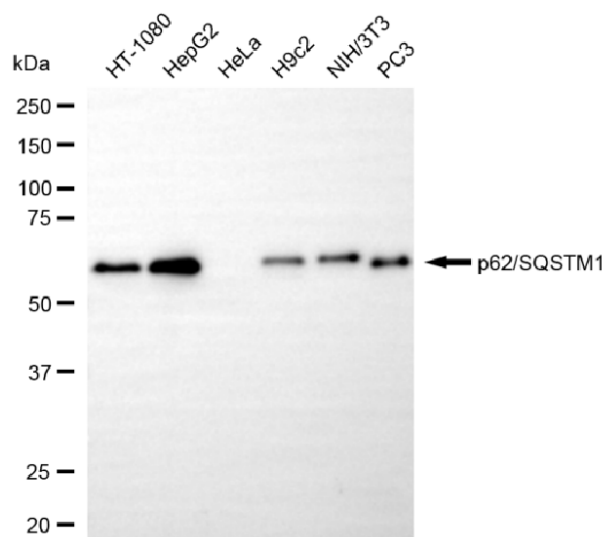
ABG1378

Product Overview

Name	KD-Validated Anti-Sequestosome 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q13501
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human p62/SQSTM1
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 48 kDa; observed, 62 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:2,000-1:10,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

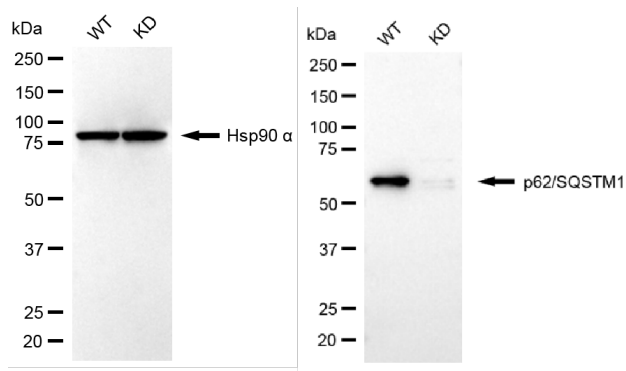
Target information (Q13501)

Gene Name	SQSTM1
About Gene Symbol	SQSTM1 (Sequestosome 1) is an autophagy regulatory protein involved in autophagy and ubiquitin-proteasome pathway. It is an important research target in bone biology and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



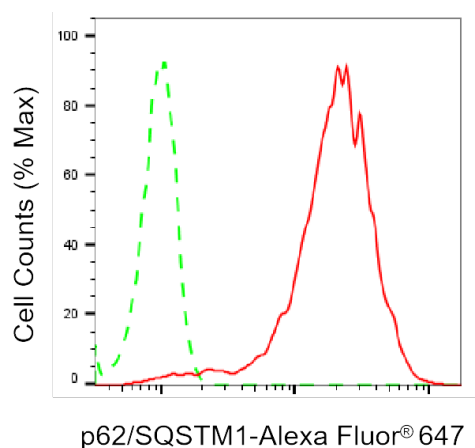
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Western blotting analysis using anti-p62/SQSTM1 antibody (Cat#ABG1378). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-p62/SQSTM1 antibody (Cat#ABG1378, 1:10,000) and HRP-conjugated goat anti rabbit secondary antibody respectively.



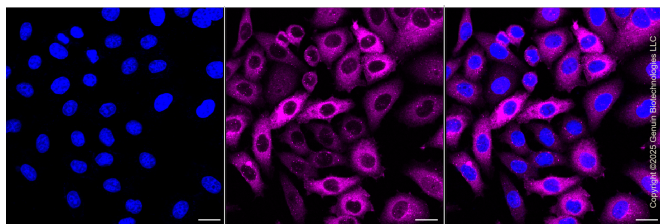
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Western blotting analysis using anti-p62/SQSTM1 antibody (Cat#ABG1378). p62/SQSTM1 expression in wild type (WT) and SQSTM1 knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-p62/SQSTM1 antibody (Cat#ABG1378, 1:10,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of p62/SQSTM1 expression in HepG2 cells using anti-p62/SQSTM1 antibody (Cat#ABG1378, 1:2,000). Green, isotype control; red, p62/SQSTM1.



Immunocytochemical staining of HepG2 cells with anti-p62/SQSTM1 antibody (Cat#ABG1378, 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 and smart gain: Medium. Scale bar, 20 μ m.