

bsm-63328R**[Primary Antibody]**

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SQSTM1/P62 Recombinant Rabbit mAb**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 4B8**GeneID:** 8878**SWISS:** Q13501**Target:** SQSTM1/P62**Immunogen:** A synthesized peptide derived from human Sequestosome 1: 2-440.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml

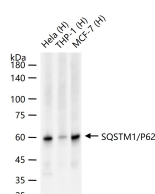
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-κB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-κB in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone. [provided by RefSeq, Mar 2009]

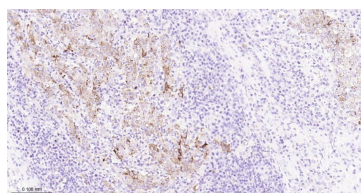
Applications: WB (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**IP** (1:20-50)**Reactivity:** Human

Predicted
MW.: 48 kDa

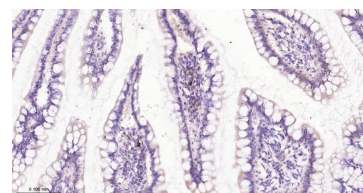
Subcellular
Location: Cytoplasm ,Nucleus

— VALIDATION IMAGES —

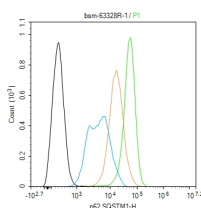
25 ug total protein per lane of various lysates (see on figure) probed with SQSTM1/P62 monoclonal antibody, unconjugated (bsm-63328R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human gastric cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SQSTM1/P62 Monoclonal Antibody, Unconjugated(bsm-63328R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human small intestine; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with SQSTM1/P62 Monoclonal Antibody, Unconjugated(bsm-63328R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



The HepG2 (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

protein-protein interactions (30 min at
r.t.). Primary Antibody (green): Rabbit Anti-p62
SQSTM1 antibody (bsm-63328R): 1 $\mu\text{g}/10^6$ cells;
Secondary Antibody (white blue): Goat anti-
Rabbit IgG-BF488 (bs-60295G-BF488): 1 $\mu\text{g}/\text{test}$.
Isotype Control (orange): Rabbit IgG (bs-0295P).
Blank control (black): PBS. Acquisition of 20,000
events was performed.