Mouse SQSTM1 Monoclonal Antibody | anti-SQSTM1 antibody

SQSTM1 antibody

CATALOG #	HOST	APPLICATIONS
AAA107524	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

SQSTM1; Monoclonal Antibody; SQSTM1 antibody; Monoclonal SQSTM1; Anti-SQSTM1; Sequestosome 1; A170; OSIL; PDB3; ZIP3; p60; p62; p62B; SQSTM 1; SQSTM-1; anti-SQSTM1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4 E2
Purity/Purification	SQSTM1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	440
Applicable Applications for anti-SQSTM1 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor protein.
Cross-Reactivity	Human
Immunogen	SQSTM1 antibody was raised in mouse using a full length recombinant protein of human SQSTM1 (NP_003891) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant SQSTM1 protein using SQSTM1 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SQSTM1 protein (Right) or empty vector (Left) detected with SQSTM1 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant SQSTM1 protein (red) or empty vector (blue) stained using SQSTM1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SQSTM1 antibody	Mouse monoclonal SQSTM1 antibody
Product Categories/Family for anti-SQSTM1 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505571
NCBI GeneID	8878
NCBI Accession #	NP_003891
NCBI GenBank Nucleotide #	NM_003900.4
UniProt Accession #	Q13501; Q13446; Q9BUV7; Q9BVS6; Q9UEU1; A6NFN7; B2R661; B3KUW5
Molecular Weight	38,629 Da
NCBI Official Full Name	sequestosome-1 isoform 1
NCBI Official Synonym Full Names	sequestosome 1
NCBI Official Symbol	SQSTM1
NCBI Official Synonym Symbols	p60; p62; A170; OSIL; PDB3; ZIP3; p62B; FTDALS3
NCBI Protein Information	sequestosome-1
UniProt Protein Name	Sequestosome-1
UniProt Gene Name	**SQSTM1**
UniProt Synonym Gene Names	ORCA; OSIL; EBIAP; p60
UniProt Entry Name	SQSTM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/sqstm1-antibody-clone-4-e2-western-blot-immunofluorescence-flow-cytometry-elisa/107524