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SQSTM1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant SQSTM1.
Catalog # AT4033a

Product Information

Application	WB, IF, E
Primary Accession	Q13501
Other Accession	BC003139
Reactivity	Human, Mouse
Host	Mouse
Clonality	monoclonal
Isotype	IgG2a kappa
Clone Names	2C11
Calculated MW	47687

Additional Information

Gene ID	8878
Other Names	Sequestosome-1, EBI3-associated protein of 60 kDa, EBIAP, p60, Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa, Ubiquitin-binding protein p62, SQSTM1, ORCA, OSIL
Target/Specificity	SQSTM1 (AAH03139.1, 1 a.a. ~ 440 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	SQSTM1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

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 in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB 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.

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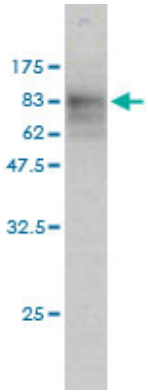
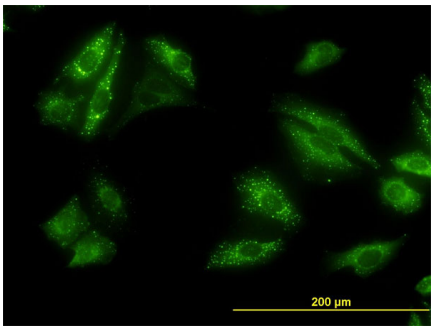
Images

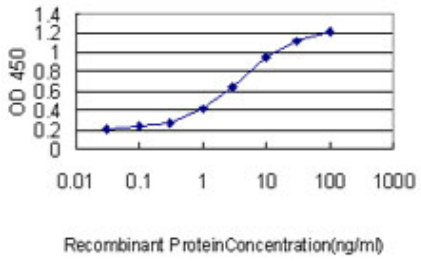


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (74.14 KDa) .



Immunofluorescence of monoclonal antibody to SQSTM1 on HeLa cell. [antibody concentration 10 ug/ml]

Detection limit for recombinant GST tagged SQSTM1 is approximately 0.03ng/ml as a capture antibody.



Citations

- A combination therapy for KRAS-driven lung adenocarcinomas using lipophilic bisphosphonates and rapamycin.

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