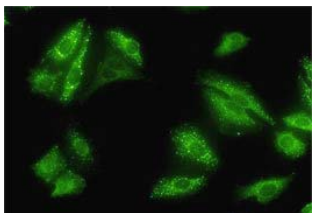
SQSTM1 Monoclonal Antibody

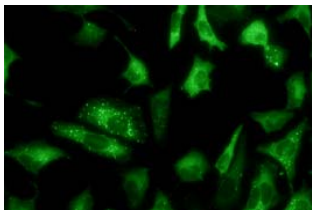
SQSTM1 encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB in response to upstream 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.

Product Name	SQSTM1 monoclonal antibody (M01), clone 2C11
Catalog No.	H00008878-M01
Product Description	Mouse monoclonal antibody raised against a full length recombinant SQSTM1.
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG2a kappa
Immunogen	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.
Applications	 Immunofluorescence of monoclonal antibody to SQSTM1 on HeLa cell.

H00008878-M01 has been referenced in 279+ publications.

- Kathryn R Bowles, et al. ELAVL4, splicing, and glutamatergic dysfunction precede neuron loss in MAPT mutation cerebral organoids. Cell, 2021, 184(17): 4547–4563.e17.
- Xiaonan Dong, et al. Sorting nexin 5 mediates virus-induced autophagy and immunity. Nature, 2021, 589(7842):456-461.
- Chao X, et al. Impaired TFEB-mediated Lysosome Biogenesis and Autophagy Promote Chronic Ethanol-induced Liver Injury and Steatosis in Mice. Gastroenterology, 2018, 155(3): 865–879.e12.
- Cinque L, et al. FGF signalling regulates bone growth through autophagy. Nature, 2015, 528(7581):272-5.
- Dou Z, et al. Autophagy mediates degradation of nuclear lamina. Nature, 2015, 527(7576):105-9.

Cell Culture Grade Alternative Product

Product Name	SQSTM1 monoclonal antibody (M01J), clone 2C11
Catalog No.	H00008878-M01J
	 Immunofluorescence of monoclonal antibody to SQSTM1 on HeLa cell .

Abnova Corporation
9F, No. 108, Jhouzih St., Neihu, Taipei 114, Taiwan Tel: + 886 2 8751 1888 Fax: + 886 2 6602 1218 www.abnova.com