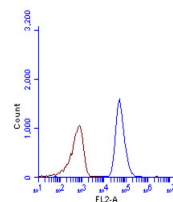


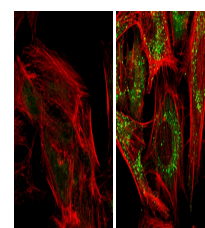
Product Datasheet

SQSTM1 / P62 antibody [N3C1], Internal GRP15

Description	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]
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Zebrafish, Honeybee
Conjugation	Unconjugated
Tested Applications	FACS, ICC, IF, IHC-P, IP, WB
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of Human SQSTM1 / P62. The exact sequence is proprietary.
Form/Appearance	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration	0.29 mg/ml
Storage	Store as concentrated solution. Centrifuge briefly prior to opening. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Note	For research use only.
Isotype	IgG
Clonality	Polyclonal
Purity	Purified by antigen-affinity chromatography.
Uniprot ID	Q13501
Entrez	8878
Dilution Range	WB: 1:500-1:3000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000, FACS: 1:50-1:200, IP: 1:100-1:500



SQSTM1 antibody [N3C1], Internal (GRP467) detects SQSTM1 protein by flow cytometry analysis. Sample: HeLa cell fixed in 4% paraformaldehyde at 4°C for 5 min. Brown: Unlabelled sample was also used as a control. Blue: SQSTM1 antibody [N3C1], Internal] dilut



SQSTM1 antibody [N3C1], Internal detects SQSTM1 protein at autophagosome by immunofluorescent analysis. Samples: HeLa cells mock (left) and treated with 50 μM Chloroquine for 24 hr (right) were fixed in 4% paraformaldehyde at RT for 15 min. Green: SQSTM1 pr