

## Anti-SQSTM1/p62 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R010719

### Product Information

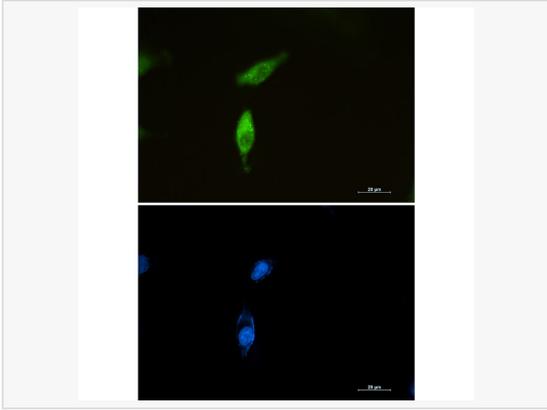
Application	ELISA, WB, IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ICC/IF (Cell), IP
Reactivity	Human, Mouse
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	52L24K11
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human SQSTM1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SQSTM1/p62 antibody [52L24K11] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

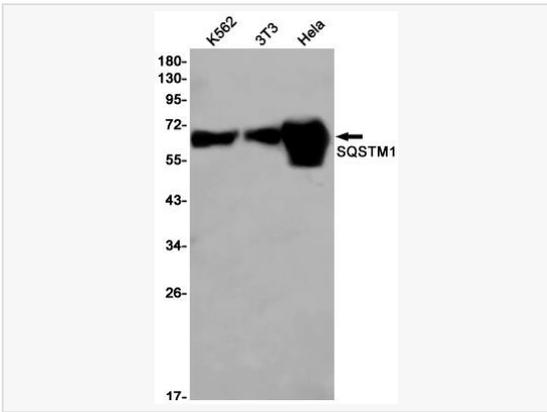
Synonyms	p60, p62, A170, DMRV, OSIL, PDB3, ZIP3, p62B, NADGP, FTDALS3.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 62 kDa
Uniprot ID	Q13501
Gene ID	8878
Background	Autophagy receptor that interacts directly with both the cargo to become degraded and an autophagy modifier of the MAP1 LC3 family. Required both for the formation and autophagic degradation of polyubiquitin-containing bodies, called ALIS (aggresome-like induced structures) and links ALIS to the autophagic machinery. Involved in midbody ring degradation. May regulate the activation of NFKB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1.

## Validation Images

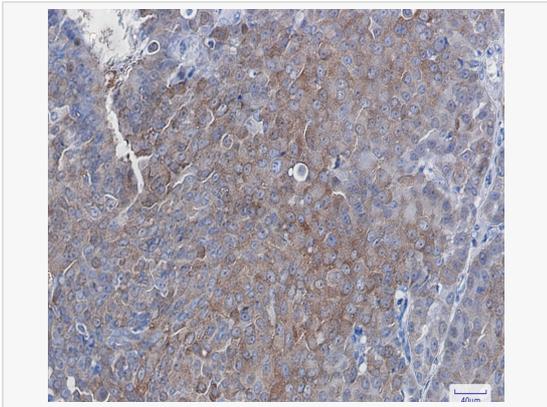
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Immunocytochemistry analysis of SQSTM1/p62 (green) in U87-MG using SQSTM1/p62 antibody and DAPI (blue) .



Western blot analysis of SQSTM1 in K562, 3T3, HeLa lysates using SQSTM1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using SQSTM1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.