

## p62/SQSTM1 Conjugated Antibody

Catalog No: #C56089



Package Size: #C56089-AF350 100ul #C56089-AF405 100ul #C56089-AF488 100ul  
 #C56089-AF555 100ul #C56089-AF594 100ul #C56089-AF647 100ul  
 #C56089-AF680 100ul #C56089-AF750 100ul #C56089-Biotin 100ul

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## Description

Product Name	p62/SQSTM1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	p62/SQSTM1 Antibody detects endogenous levels of total p62/SQSTM1
Immunogen Description	A synthesized peptide derived from human p62/SQSTM1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	OSIL; Oxidative stress induced like; p60; p62; p62B; Paget disease of bone 3;PDB 3; PDB3;
Accession No.	Uniprot:Q13501
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	62kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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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.

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Note: This product is for in vitro research use only