



# Rabbit Anti-Human SQSTM1 monoclonal antibody, clone 22ID25MD36 (DCABH-169)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with bovine, feline, non-human primate, mouse, rat, ovine and porcine based on sequence homology.
<b>Target</b>	SQSTM1
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	22ID25MD36
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, ICC, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% sodium azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C
<b>Warnings</b>	For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

## BACKGROUND

**Introduction** p62 is a scaffold protein which plays an important role in autophagy by acting a link in recognizing ubiquitinated targets and presenting them to autophagic machinery. The N-terminus of p62 aids in polymerization, while the C-terminus aids in binding to ubiquitinated proteins and to autophagosomal proteins like LC3. p62 is ubiquitously expressed in adult tissues. It co-localizes

with ubiquitinated proteins in protein bodies found in the cytosol and nucleus, or within autophagosomes and lysosomal structures.

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**Keywords**

SQSTM1;sequestosome 1;p60;p62;A170;OSIL;PDB3;ZIP3;p62B;sequestosome-1

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