



Anti-SQSTM1 monoclonal antibody, clone 2C3 (DCABH-750)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to SQSTM1 / p62
Antigen Description	Adapter protein which binds ubiquitin and may regulate the activation of NFkB1 by TNF-alpha, nerve growth factor (NGF) and interleukin-1. May play a role in titin/TTN downstream signaling in muscle cells. May regulate signaling cascades through ubiquitination. Adapter that mediates the interaction between TRAF6 and CYLD (By similarity). May be involved in cell differentiation, apoptosis, immune response and regulation of K(+) channels.
Immunogen	Recombinant full length Human SQSTM1/ p62 produced in HEK293T cells (NP_003891).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2C3
Purification	Purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, Flow Cyt
Positive Control	SQSTM1 / p62 transfected HEK293T cells and cell lysate; HeLa and A529 cell extracts.
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol

Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	SQSTM1 sequestosome 1 [Homo sapiens]
Official Symbol	SQSTM1
Synonyms	SQSTM1; sequestosome 1; OSIL, oxidative stress induced like , Paget disease of bone 3 , PDB3; sequestosome-1; A170; p60; p62; p62B; EBIAP; EBI3-associated protein p60; oxidative stress induced like; ubiquitin-binding protein p62; EBI3-associated protein
Entrez Gene ID	8878
Protein Refseq	NP_001135770
UniProt ID	Q13501
Chromosome Location	5q35
Pathway	Cell death signalling via NUAGE, NRIF and NADE, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; IL1-mediated signaling events, organism-specific biosystem; Immune System, organism-specific biosystem; Interleukin-1 signaling, organism-specific biosystem; NF-kB is activated and signals survival, organism-specific biosystem; NRIF signals cell death from the nucleus, organism-specific biosystem;
Function	K63-linked polyubiquitin binding; SH2 domain binding; identical protein binding; metal ion binding; protein binding; protein kinase C binding; protein kinase binding; protein serine/threonine kinase activity; receptor tyrosine kinase binding; ubiquitin bi