



## SQSTM1/p62 (phospho-Thr269/Ser272) mouse mAb

Catalog NoBYmab-10412IsotypeIgGReactivityHuman;Mouse;RatApplicationsWBGene NameSQSTM1 ORCA OSILProtein NameSQSTM1 ORCA OSILProtein NameSQSTM1/p62 (Thr269/Ser272)ImmunogenSynthesized phosho peptide around human SQSTM1 (Thr269 and Ser272)SpecificityThis antibody detects endogenous levels of Human Mouse Rat SQSTM1/p62 (phospho-Thr269 or Ser272)FormulationLiquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.SourceMonoclonal, Mouse,IgGPurificationThe antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsSequestosome-1 (EBI3-associated protein of 60 kDa) (EBIAP) (p60) (Phosphotyrosine-independent ligand for the Lck SH2 domain of 62 kDa) (Ubiquitin-bining protein p62)Observed BandSokDCell PathwayCytoplasm, cytosol, Late endosome, Lysosome, Cytoplasmic vesicle, autophagosome, Nucleus, Endoplasmic reticulum, Nucleus, PML body, Cytoplasm, myofbiri, ascomere in neurodependentain gargergates. In neurodependent diages en altophagosome, Nucleus, Endoplasmic reticulum, Sudei and onalcoholic astrocytoma. In the cytoplasm, observed in hotin mingerse. In protein aggregates, Inneurodependent diages en altophagosome, Aucleus, Endoplasmic reticulum, Nucleus, PML body, Cytoplasm, observed in thurington disease, In neurodependent diages en altophagosome, Aucleus, Endoplasmic reticulum, Sudei and Analceloic astrocytoma. In the cytoplasm, observed in toth membrane-free ubiq		
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Function	disease:Defects in SQSTM1 are a cause of sporadic and familial Paget disease of bone (PDB) [MIM:602080]. PDB is a metabolic bone disease affecting the axial skeleton and characterized by focal areas of increased and disorganized bone turn-over due to activated osteoclasts. Manifestations of the disease include bone pain, deformity, pathological fractures, deafness, neurological complications and increased risk of osteosarcoma. PDB is a chronic disease affecting 2 to 3% of the population above the age of 40 years.,domain:The OPR domain mediates homooligomerization and interactions with PRKCZ, PRKCI, MAP2K5 and NBR1.,domain:The UBA domain binds specifically 'Lys-63'-linked polyubiquitin chains of polyubiquitinated substrates. Mediates the interaction with TRIM55.,domain:The ZZ-type zinc finger mediates the interaction with RIPK1.,function:Adapter protein which binds ubiquitin and may regul	
Background	This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB 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, Mar 2009],	
matters needing attention	Avoid repeated freezing and thawing!	
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.	
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