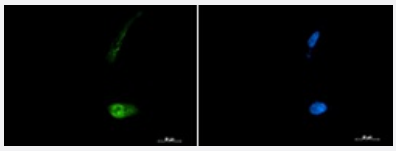
RecomAb™

SQSTM1 recombinant monoclonal antibody, clone R08-4H8

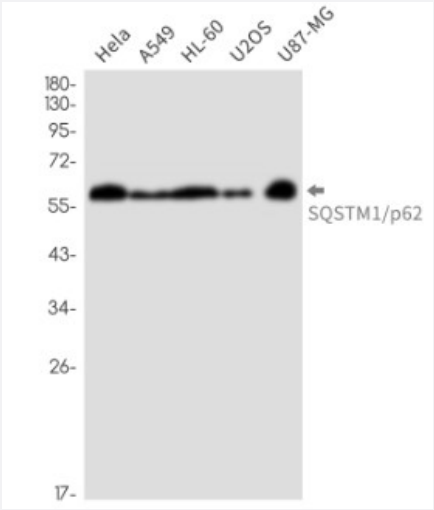
Catalog # RAB01210 Size 100 uL

Applications



Immunocytochemistry

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



Western Blot

Western Blot analysis of A549, HL-60, U2OS lysates with SQSTM1 recombinant monoclonal antibody, clone R08-4H8 (Cat # RAB01210).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SQSTM1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human SQSTM1/p62.
Theoretical MW (kDa)	Calculated MW: 48 kD

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot Immunocytochemistry Immunofluorescence Immunoprecipitation The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Immunocytochemistry

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

  Western Blot analysis of A549, HL-60, U2OS lysates with SQSTM1 recombinant monoclonal antibody, clone R08-4H8 (Cat # RAB01210).

Gene Info — SQSTM1

Entrez GeneID	8878
Protein Accession#	Q13501
Gene Name	SQSTM1

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Alias	A170, OSIL, PDB3, ZIP3, p60, p62, p62B
Gene Description	sequestosome 1
Omim ID	601530 602080
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuc lear factor kappa-B (NF-kB) signaling pathway. The protein functions as a scaffolding/adaptor pro tein in concert with TNF receptor-associated factor 6 to mediate activation of NF-kB in response t o upstream signals. Alternatively spliced transcript variants encoding either the same or different i soforms have been identified for this gene. Mutations in this gene result in sporadic and familial P aget disease of bone. [provided by RefSeq
Other Designations	EBI3-associated protein p60|Paget disease of bone 3|oxidative stress induced like|phosphotyros ine independent ligand for the Lck SH2 domain p62|ubiquitin-binding protein p62

Disease

- Genetic Predisposition to Disease
- Multiple System Atrophy
- Osteitis Deformans
- Tobacco Use Disorder

Copyright © 2023 Abnova Corporation. All Rights Reserved.