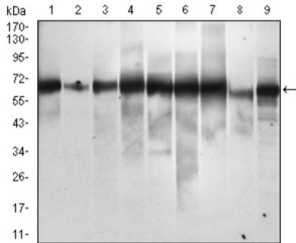
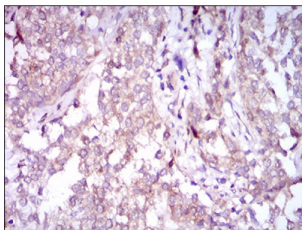


Sequestosome 1 (SQSTM1) Antibody

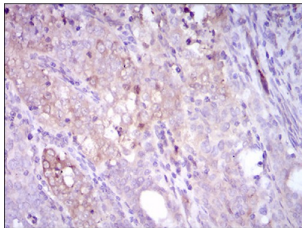
Catalogue No.: abx016000



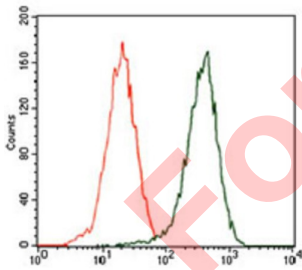
Western blot analysis using SQSTM1 antibody against human SQSTM1 recombinant protein. (Expected MW is 39.1 kDa).



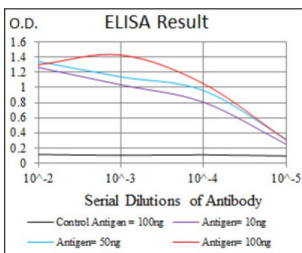
Western blot analysis using SQSTM1 antibody against HEK293 (1) and SQSTM1 (AA: 232-356) -hlgGfC transfected HEK293 (2) cell lysate.



Western blot analysis using SQSTM1 antibody against Hela (1), Jurkat (2), THP-1 (3), HEK293 (4), A549 (5), MCF-7 (6), HepG2 (7), COS7 (8) and SK-BR-3 (9) cell lysate.



Flow cytometric analysis of HEK293 cells using SQSTM1 antibody (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using SQSTM1 antibody with DAB staining.

Datasheet

Version: 2.0.0
Revision date: 13 Mar 2025



This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF- κ B) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF- κ B 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.

Target:	Sequestosome 1 (SQSTM1)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC, FCM
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000, FCM: 1/200 - 1/400. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human SQSTM1 (AA: 232-356) expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Purified from ascites by Protein G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	47.7 kDa
Buffer:	PBS, containing 0.05% sodium azide.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.