Recombinant DGRmAb®

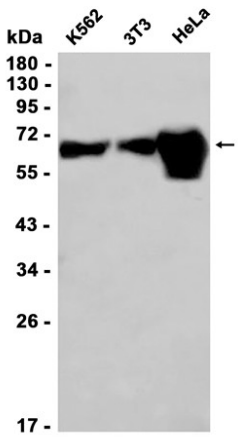
SQSTM1/p62 (DGR13805) Rabbit mAb (PBS Only)

db11243-PBS **Package : 10μg 100μg**

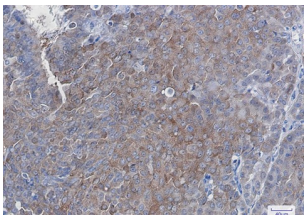
Product Name : SQSTM1/p62 (DGR13805) Rabbit mAb (PBS Only)
Cat.No.: db11243-PBS
Synonyms : p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human, Mouse
Host species : Rabbit

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]
Immunogen	Recombinant protein of human SQSTM1/p62
Gene ID	8878
Swiss Prot	Q13501
Synonyms	p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3
Reactivity	Human, Mouse
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	48 kDa
Observed MW	62 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13805
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

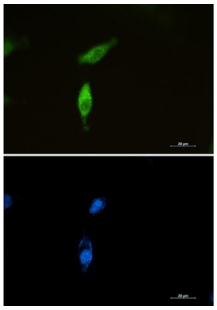
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



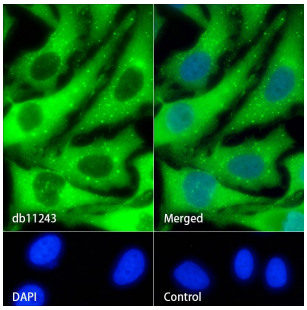
Western blot analysis of extracts from K562, 3T3, and HeLa cells using db11243 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using db11243 antibody.



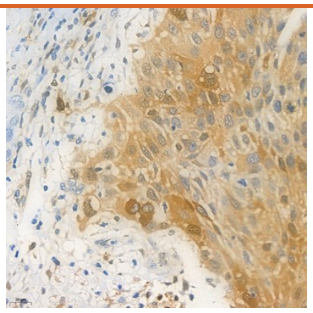
Immunofluorescent analysis of U87-MG cells using db11243 antibody (green), and DAPI (blue).



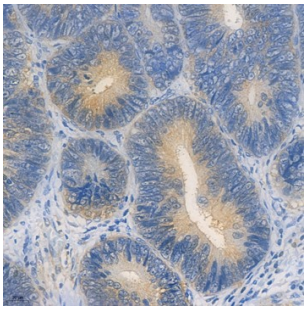
Immunofluorescence analysis of HeLa cells labelling SQSTM1 with db11243.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11243 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.



Immunohistochemical analysis of paraffin-embedded human esophageal carcinoma tissue labeling SQSTM1/p62 with db11243. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human intestinal carcinoma tissue labeling SQSTM1/p62 with db11243. Counter stained with Hematoxylin.