Recombinant DGRmAb®

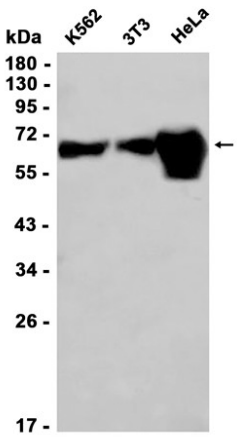
SQSTM1/p62 (DGR13805) Rabbit mAb

db11243 **Package : 10μL 20μL 50μL 100μL**

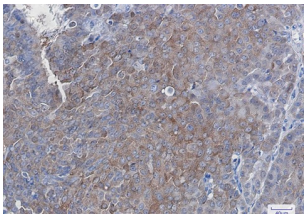
Product Name : SQSTM1/p62 (DGR13805) Rabbit mAb
Cat.No.: db11243
Synonyms : p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human, Mouse
Host species : Rabbit

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
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:2000 ICC/IF: 1:100-1:200 FC: 1:100 IP: 1:20-1:50
Calculated MW	48 kDa
Observed MW	62 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13805

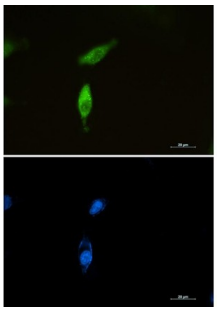
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



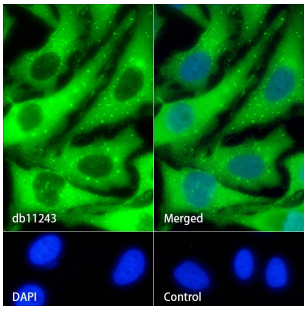
Western blot analysis of extracts from K562, 3T3, and HeLa cells using db11243 at 1:1000.



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



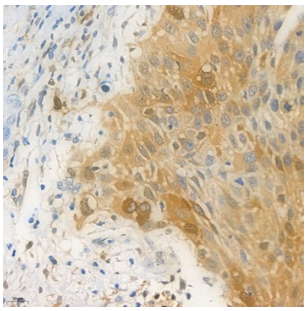
Immunofluorescent analysis of U87-MG cells using db11243 antibody (green), and DAPI (blue).



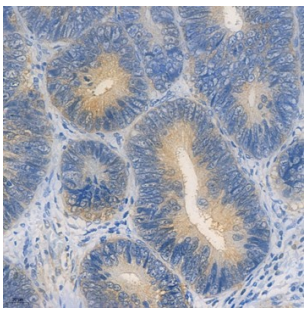
Immunofluorescence analysis of HeLa cells labelling SQSTM1 with db11243.

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.