

Recombinant

DGRmAb®

SQSTM1/p62 (DGR13645) Rabbit mAb

db15523

Package : 10µL 20µL 50µL 100µL

Product Name : SQSTM1/p62 (DGR13645) Rabbit mAb**Cat.No.:** db15523**Synonyms** : p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

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

A synthetic peptide of human SQSTM1/p62

Gene ID

8878, 18412, 113894

Swiss Prot

Q13501, Q64337, O08623

Synonyms

p60; p62; A170; DMRV; OSIL; PDB3; ZIP3; p62B; NADGP; FTDALS3

Reactivity

Human, Mouse, Rat

Application

WB, ICC/IF, FC, IP

Recommended dilution

WB: 1:5000-1:50000

ICC/IF: 1:200-1:500

FC: 1:20

IP: 1:20-1:50

Calculated MW

48 kDa

Observed MW

62 kDa

Host species

Rabbit

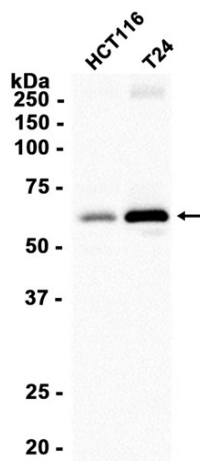
Clonality

Monoclonal

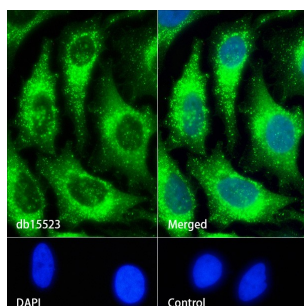
Clonality No.

DGR13645

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 HCT116, T24 cells using db15523 at 1:10000.



Immunofluorescence analysis of HeLa cells labelling SQSTM1/p62 with db15523.

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 db15523 (1:200) 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.