

Name:SQSTM1 mouse monoclonal antibody,clone UMAB12
Product Data Sheet - UltraMAB

Catalog: UM500012

Gene Name:Homo sapiens sequestosome 1 (SQSTM1), transcript variant 1
GeneBank accession: NM_003900
Isotype: IgG2b

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB12

Gene Synonym: A170; OSIL; p60; p62; p62B; PDB3; ZIP3

Guaranteed Applications: WB, IHC

Suggested Dilutions: WB 1:500~2000, IHC 1:150,

Immunogen: Full length human recombinant protein of human SQSTM1(NP_003891) produced in HEK293T cell.

Components:

- SQSTM1 mouse monoclonal antibody,clone UMAB12 (UM500012)

Amount:

UM500012 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

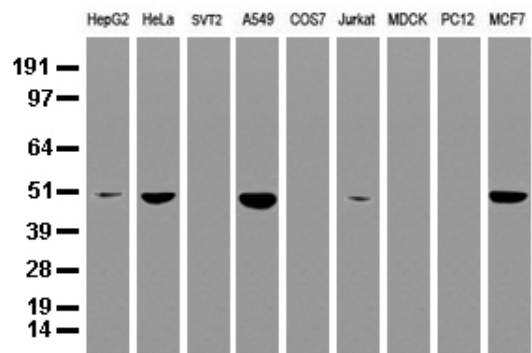
Purified from mouse ascites fluids by affinity chromatography

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].

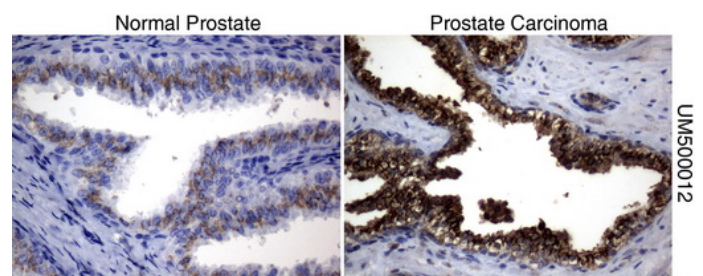
Validation Data:

Western Blot



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SQSTM1 monoclonal antibody (Clone UMAB12) at 1:500.

IHC data



Immunohistochemical staining of paraffin-embedded prostate tissue using anti-SQSTM1mouse monoclonal antibody. (Clone UMAB12, Dilution 1:100)

Related Product:

- TrueORF cDNA clones
- VERIFY Tagged Antigen lysates
- HuSH-29 shRNA
- Western Blot reagents
- Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500012.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.