

Product Datasheet

p62/SQSTM1 Antibody (1478) - Azide and BSA Free NBP2-43663

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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NBP2-43663

p62/SQSTM1 Antibody (1478) - Azide and BSA Free

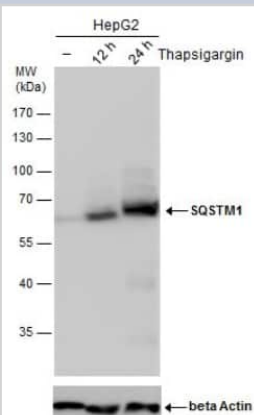
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1478
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	48 kDa

Product Description	
Description	Novus Biologicals Knockout (KO) Validated Mouse p62/SQSTM1 Antibody (1478) - Azide and BSA Free (NBP2-43663) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-p62/SQSTM1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	8878
Gene Symbol	SQSTM1
Species	Human, Mouse
Immunogen	Recombinant protein encompassing a sequence within the center region of human p62/SQSTM1. The exact sequence is proprietary.

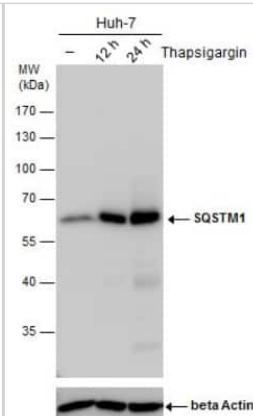
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Knockout Validated
Recommended Dilutions	Western Blot 1:500-1:3000, Flow Cytometry 1:50-1:200, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Frozen 1:100-1:1000, Knockout Validated

Images

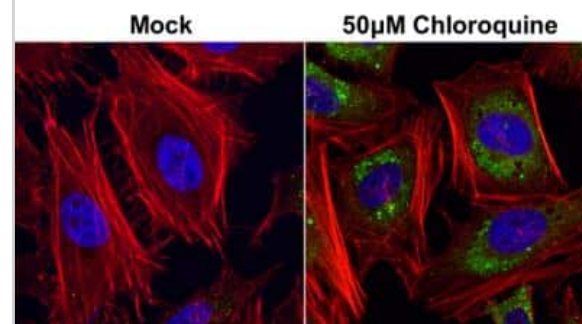
Western Blot: p62/SQSTM1 Antibody (1478) [NBP2-43663] - Analysis of un-treated (-) and treated (+), Thapsigargin treatment for 12hr and 24hr. HepG2 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SQSTM1 antibody (1478) dilution 1:1000. Beta Actin was used as internal control (bottom panel).



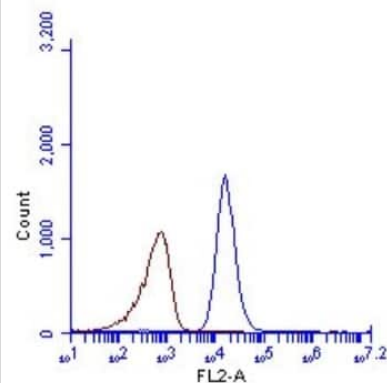
Western Blot: p62/SQSTM1 Antibody (1478) [NBP2-43663] - Analysis of un-treated (-) and treated (+), Thapsigargin treatment for 12hr and 24hr. Huh-7 whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SQSTM1 antibody (1478) dilution 1:1000. Beta Actin was used as internal control (bottom panel).



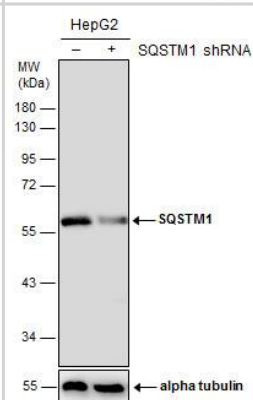
Immunocytochemistry/Immunofluorescence: p62/SQSTM1 Antibody (1478) [NBP2-43663] - Analysis of Samples: HeLa cells mock (left) and treated with 50uM Chloroquine for 24 hr (right) were fixed in 4% paraformaldehyde at RT for 15 min. Green: SQSTM1 protein stained by SQSTM1 antibody [1478]. Red: phalloidin, a cytoskeleton marker, stained by phalloidin diluted at 1:200. Blue: Hoechst 33342 staining.



Flow Cytometry: p62/SQSTM1 Antibody (1478) [NBP2-43663] - Analysis of HeLa cell. Brown: Unlabelled sample was also used as a control. Blue: SQSTM1 antibody [1478] dilution: 1:100.



Non-transfected (-) and transfected (+) HepG2 whole cell extracts (50 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with SQSTM1 antibody [GT1478] (NBP2-43663) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody.



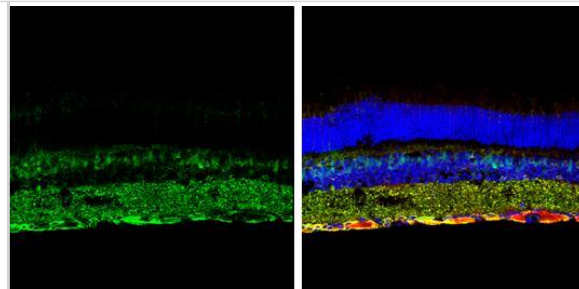
SQSTM1 antibody [GT1478] detects SQSTM1 protein expression by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

Green: SQSTM1 protein stained by SQSTM1 antibody [GT1478] (NBP2-43663) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] diluted at 1:250.

Blue: Fluoroshield with DAPI .



Publications

Sofija Jovanović Stojanov, Ana Kostić, Mila Ljujić, Ema Lupšić, Silvia Schenone, Milica Pešić, Jelena Dinić, Hamid Maadi, Zhixiang Wang, Yaghub Pazhang Autophagy Inhibition Enhances Anti-Glioblastoma Effects of Pyrazolo[3,4- d]pyrimidine Tyrosine Kinase Inhibitors Life 2022-09-27 [PMID: 36294938]



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Products Related to NBP2-43663

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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