

## SQSTM1 / P62 antibody [GT1478]

Cat. No. GTX629890

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	WB, ICC/IF, IHC-Fr, FCM
<b>Reactivity</b>	Human, Mouse

References ( 9 )

★★★★☆ Review ( 9 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-Fr	1:100-1:1000
FCM	1:50-1:200

Not tested in other applications.

Calculated MW 48 kDa. ( [Note](#) )

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	No Preservative
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human SQSTM1 / P62. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated

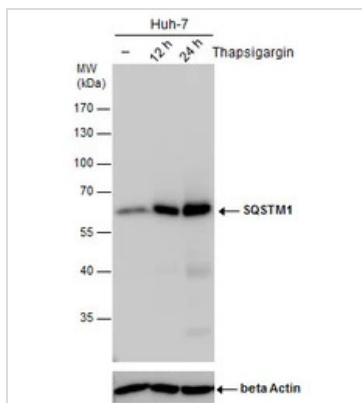


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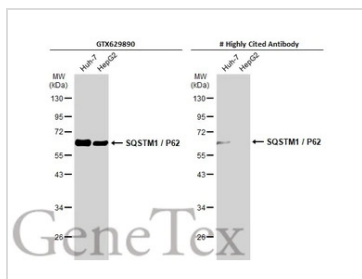
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**Note**

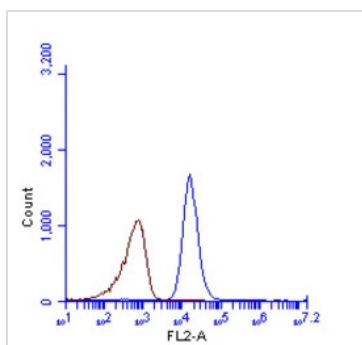
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**DATA IMAGES**

**GTX629890 WB Image**

SQSTM1 antibody detects SQSTM1 protein by western blot analysis. Un-treated (-) and treated (+, Thapsigargin treatment for 12 hr and 24hr) Huh-7 whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SQSTM1 antibody (GTX629890) diluted by 1:1000. The ACTB was used as internal control (GTX110564, 1:50000) shown at the bottom panel. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


**GTX629890 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SQSTM1 / P62 antibody [GT1478] (GTX629890) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


**GTX629890 FCM Image**

SQSTM1 antibody [GT1478] (GTX629890) detects SQSTM1 protein by flow cytometry analysis. Sample: HeLa cell fixed in 4% paraformaldehyde at 4°C for 5 min. Brown: Unlabelled sample was also used as a control. Blue: SQSTM1 antibody [GT1478] (GTX629890) dilution: 1:100. Acquisition of >20,000 events were collected using Argon ion laser (488nm) and 525/30 bandpass filter.



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