Atg4B Rabbit mAb

Catalog No: #56184

Package Size: #56184-1 50ul #56184-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

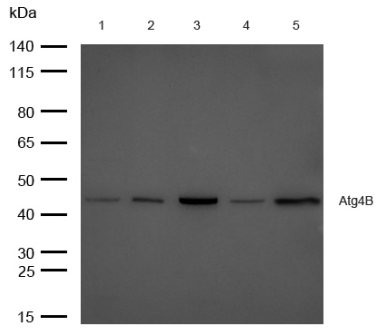
Product Name	Atg4B Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	Atg4B Antibody detects endogenous levels of total Atg4B
Immunogen Description	A synthesized peptide derived from human Atg4B
Conjugates	Unconjugated
Other Names	Cysteine protease ATG4B; Autophagin-1; Autophagy-related cysteine endopeptidase 1; Autophagy-related protein 4 homolog B; hAPG4B;
Accession No.	Uniprot:Q9Y4P1
Calculated MW	44kDa
SDS-PAGE MW	44kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:2000

FC:1:100

Images



All lanes: Atg4B Rabbit mAb at 1/1k dilution

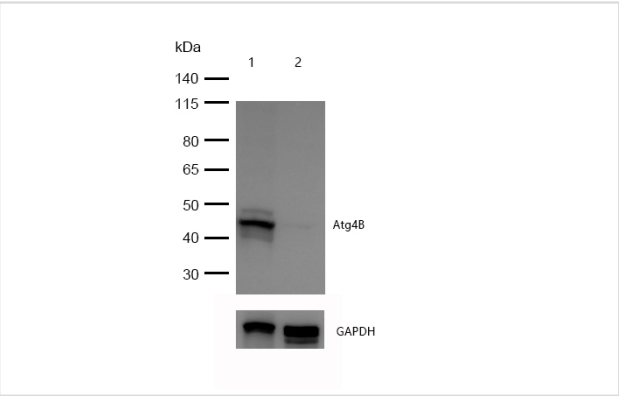
Lane 1 : Ramos whole cell lysates Lane 2 : 293 whole cell lysates Lane 3 : C6 whole cell lysates Lane 4 : Mouse brain lysates Lane 5 : Rat spleen lysates

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 44 kDa
Observed band size: 44 kDa

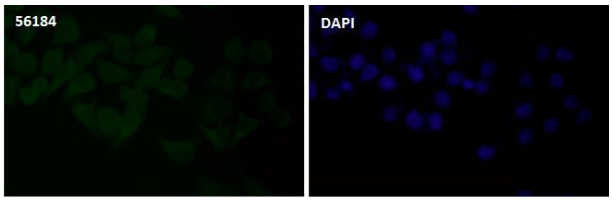
Exposure time: 5 seconds



All lanes:Atg4B Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 : Atg4B knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Immunocytochemistry/ Immunofluorescence Atg4B antibody (56184) ICC/IF staining of Atg4B in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 56184 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

Product Description

Cysteine protease required for autophagy, which cleaves the C-terminal part of either MAP1LC3, GABARAPL2 or GABARAP, allowing the liberation of form I. A subpopulation of form I is subsequently converted to a smaller form (form II).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.