Product Datasheet

CLIC4 Rabbit mAb

Catalog No: #57118

Package Size: #57118-1 50ul #57118-2 100ul

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

Description

Product Name	CLIC4 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	CLIC4 Antibody detects endogenous levels of total CLIC4
Immunogen Description	A synthesized peptide derived from human CLIC4
Conjugates	Unconjugated
Other Names	Chloride intracellular channel 4; Clic4; CLIC4L; HUH1; MC3S5; mtCLIC; p64H1;
Accession No.	Uniprot:Q9Y696
Calculated MW	29kDa
SDS-PAGE MW	29kDa
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

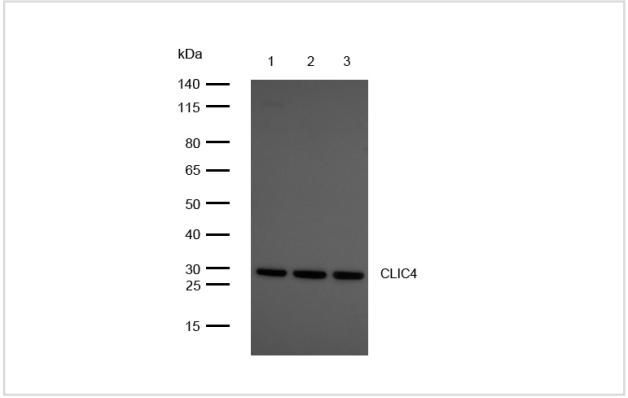
IHC:1:50~1:200

ICC/IF:1:50~1:200

IP:1:50

FC:1:50

Images



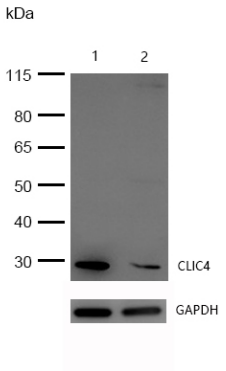
All lanes: CLIC4 Rabbit mAb at 1/1k dilution

Lane 1 : 293 whole cell lysates Lane 2 : RAW264.7 whole cell lysates Lane 3 : C6 whole cell 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: 29 kDa
Observed band size: 29 kDa

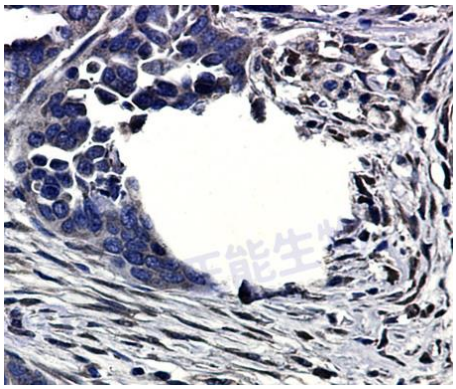
Exposure time: 4 seconds



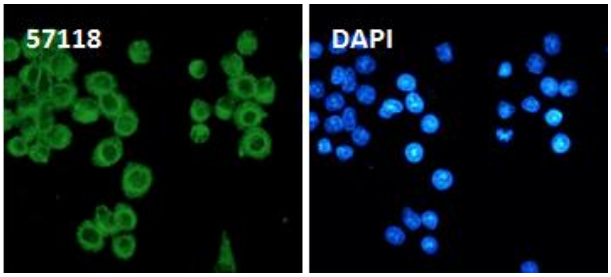
All lanes :CLIC4 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HAP1 cell lysate
Lane 2 : CLIC4 knockdown HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human cholangiocarcinoma tissue stained for CLIC4 using 57118 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence CLIC4 antibody (57118) ICC/IF staining of CLIC4 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 57118 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

Can insert into membranes and form poorly selective ion channels that may also transport chloride ions. Channel activity depends on the pH. Membrane insertion seems to be redox-regulated and may occur only under oxydizing conditions. Promotes cell-surface expression of HRH3. Has alternate cellular functions like a potential role in angiogenesis or in maintaining apical-basolateral membrane polarity during mitosis and cytokinesis. Could also promote endothelial cell proliferation and regulate endothelial morphogenesis (tubulogenesis).

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