

STIM1 antibody

Cat. No. GTX54855

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, FCM, IP, LCI
Reactivity	Human, Mouse, Rat

References (1)

Package

50 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	Assay dependent
FCM	Assay dependent
IP	Assay dependent
LCI	Assay dependent

Not tested in other applications.

Calculated MW 77 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% Sodium azide
Storage	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.
Concentration	0.45 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide CHSEDEKLSFEAVR, corresponding to amino acid residues 56-69 (STIM1 expressed on the plasma membrane: Extracellular, N-terminus st IM1 expressed on th e ER: Luminal, N-terminus) of human STIM1 (Accession : Q13586).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

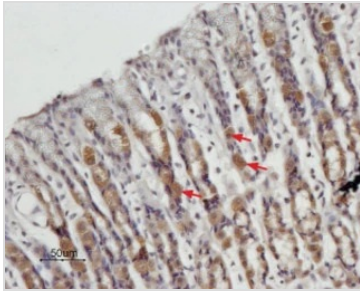


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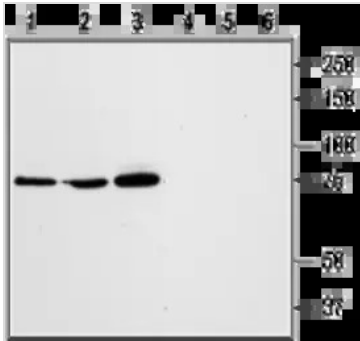
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DATA IMAGES

GTX54855 IHC-P Image

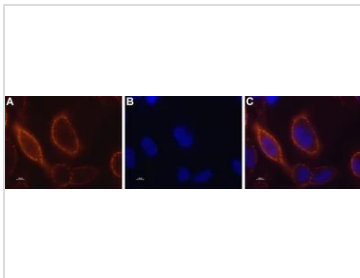
IHC-P analysis of rat stomach tissue using GTX54855 STIM1 antibody. STIM1 is expressed in the parietal cells of the gastric mucosa (arrows). Hematoxylin is used as the counterstain.

Dilution : 1:100


GTX54855 WB Image

WB analysis of RBL (lanes 1 and 4), HL-60 (lanes 2 and 5), and Jurkat (lanes 3 and 6) cell lysates using GTX54855 STIM1 antibody preincubated with or without immunogen peptide.

Dilution : 1:1000


GTX54855 LCI Image

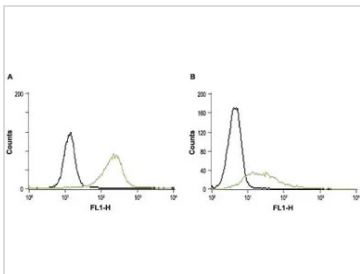
Live cell imaging analysis of live rat RBL cells using GTX54855 STIM1 antibody.

Panel A : Primary antibody (Orange)

Panel B : Hoechst 33342 for nuclear staining (blue)

Panel C : Merged images of Panel A and B

Dilution : 1:50


GTX54855 FCM Image

FACS analysis of RBL (A) and Jurkat (B) cells using GTX54855 STIM1 antibody.

Black : Unstained cell

Green : Cell staining with primary antibody

Antibody amount : 5-10 µg antibody / 0.5-1 x 10⁶ cells



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