

## anti- STIM2 antibody

### Product Information

Catalog No.:	FNab08322
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Plays a role in mediating store-operated Ca(2+) entry(SOCE), a Ca(2+) influx following depletion of intracellular Ca(2+) stores. Functions as a highly sensitive Ca(2+) sensor in the endoplasmic reticulum which activates both store-operated and store-independent Ca(2+)-influx. Regulates basal cytosolic and endoplasmic reticulum Ca(2+) concentrations. Upon mild variations of the endoplasmic reticulum Ca(2+) concentration, translocates from the endoplasmic reticulum to the plasma membrane where it probably activates the Ca(2+) release-activated Ca(2+)(CRAC) channels ORAI1, ORAI2 and ORAI3. May inhibit STIM1-mediated Ca(2+) influx.

### Immunogen information

Immunogen:	stromal interaction molecule 2
Synonyms:	KIAA1482
Observed MW:	85-115 kDa
UniprotID :	Q9P246

### Application

#### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

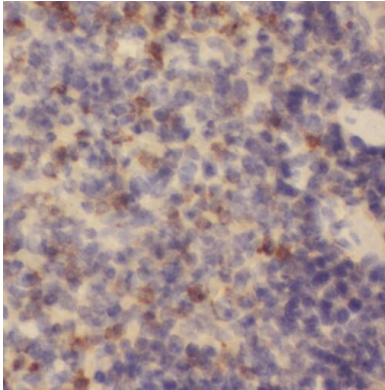
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

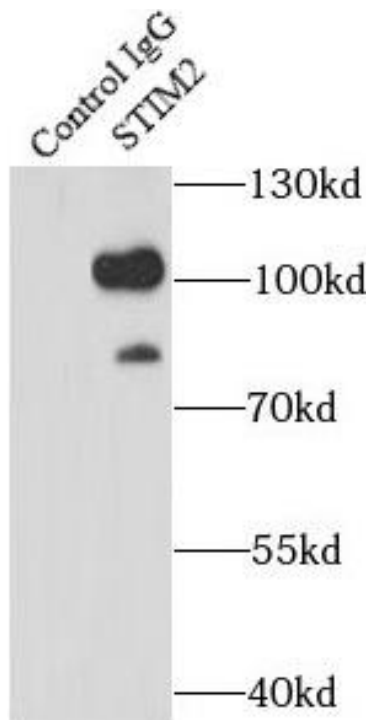
Tested Application: ELISA, IHC, IP, WB

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human spleen tissue slide using FNab08322(STIM2 Antibody) at dilution of 1:200



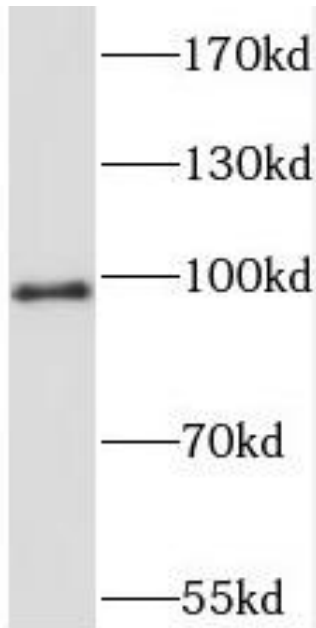
IP Result of anti-STIM2 (IP:FNab08322, 3ug; Detection:FNab08322 1:500) with HEK-293 cells lysate 2000ug.

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HeLa cells were subjected to SDS PAGE followed by western blot with FNab08322(STIM2 Antibody) at dilution of 1:1000