

anti- ORAI1 antibody

Product Information

Catalog No.:	FNab06001
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

Ca(2+) release-activated Ca(2+)(CRAC) channel subunit which mediates Ca(2+) influx following depletion of intracellular Ca(2+) stores and channel activation by the Ca(2+) sensor, STIM1 . CRAC channels are the main pathway for Ca(2+) influx in T-cells and promote the immune response to pathogens by activating the transcription factor NFAT(PubMed:16582901).

Immunogen information

Immunogen:	ORAI calcium release-activated calcium modulator 1
Synonyms:	CRACM1, FLJ14466, ORAI1, ORAI1 L1, ORAI1 L2, Orail L2, ORAT1, Protein orai 1, TMEM142A, Transmembrane protein 142A
Observed MW:	45 kDa
Uniprot ID :	Q96D31

Application

Reactivity:	Human, Mouse, Rat, Zebrafish
Tested Application:	ELISA, WB, IF
Recommended dilution:	WB: 1:500-1:1000; IF: 1:10-1:100

1

Wuhan Fine Biotech Co., Ltd.

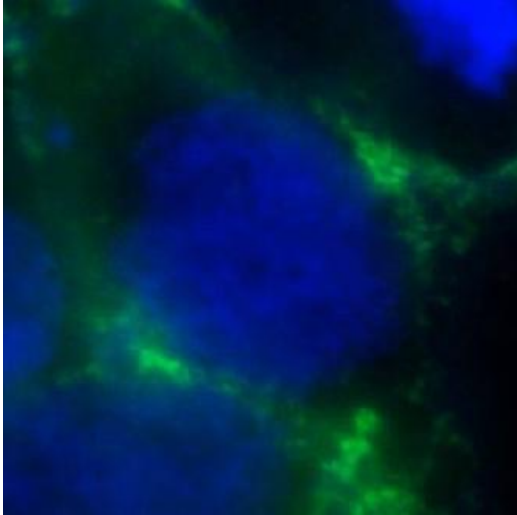
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

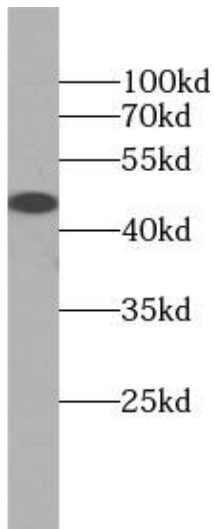
Fax: (0086)027-87800889

www.fn-test.com

Image:



Immunofluorescent analysis of HEK-293 cells using FNab06001 (ORAI1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab06001(ORAI1 antibody) at dilution of 1:800

Wuhan Fine Biotech Co., Ltd.

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

Tel : (0086)027-87384275

Fax: (0086)027-87800889

www.fn-test.com