

Allgemeine Informationen

Katalog-Nr.:

66787-1-Ig

Größe:

150ul, Konzentration: 1500 µg/ml von 84766

Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Maus

Isotyp:

IgG1

Immunogen Katalognummer:

AG7525

GenBank-Zugangsnummer:

BC004524

GeneID (NCBI):

von 84766

Vollständiger Name:

EF-hand calcium binding domain 4B

Berechnete Masse:

46 kDa

Beobachtete Masse:

80-90 kDa

Reinigungsmethode:

Protein-G-Reinigung

CloneNo.:

4C1F5

Empfohlene Verdünnungen:

WB 1:1000-1:6000

IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

Getestete Reaktivität:

Human

Positivkontrollen:

WB: HEK-293-Zellen, Daudi-Zellen, Jurkat-Zellen, Ramos-Zellen

IF: HEK-293-Zellen,

Hintergrundinformationen

CRACR2A (also called CRAC regulator 2A, EFCAB4B) is a cytoplasmic Ca²⁺ sensor predominantly expressed in lymphocytes. It has two isoforms: a long isoform of CRACR2A-a around 80-90 kDa and a short isoform of CRACR2A-c around 46 kDa. CRACR2A-c is involved in the regulation of Ca²⁺-NFAT signaling. CRACR2A-a exists in a GTP- and Golgi membrane-bound form in resting T cells, while it is present in subsynaptic vesicles that translocated from the Golgi region to the immunological synapse after ligation of TCRs. This antibody recognizes both of CRACR2A-c and CRACR2A-a.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

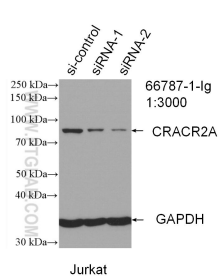
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

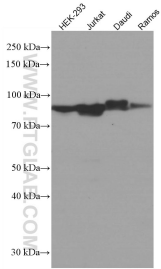
E: proteintech@ptglab.com
W: ptglab.com

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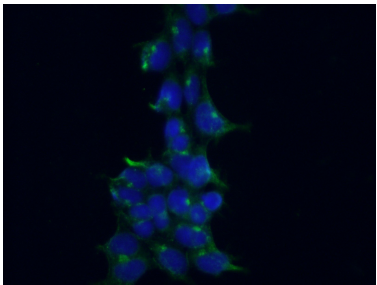
Ausgewählte Validierungsdaten



WB result of CRACR2A antibody (66787-1-Ig; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CRACR2A transfected Jurkat cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66787-1-Ig (CRACR2A antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 66787-1-Ig (CRACR2A antibody) at dilution of 1:100 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).