10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ORAI3 Antibody (C-Terminus)

Rabbit Polyclonal Antibody

Catalog # ALS12418

Specification

ORAI3 Antibody (C-Terminus) - Product Information

Application	**ICC, IF, WB**
Primary Accession	Q9BRQ5
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**31kDa KDa**

ORAI3 Antibody (C-Terminus) - Additional Information

Gene ID 93129

Other Names
Protein orai-3, Transmembrane protein 142C, ORAI3, TMEM142C

Target/Specificity
a 19 amino acid peptide from near the carboxy terminus of human ORAI3

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
ORAI3 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

ORAI3 Antibody (C-Terminus) - Protein Information

Name ORAI3

Synonyms TMEM142C

Function
Ca(2+) release-activated Ca(2+)-like (CRAC-like) channel subunit which mediates Ca(2+) influx and increase in Ca(2+)-selective current by synergy with the Ca(2+) sensor, STIM1.

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Expressed in both naive and effector T helper cells with higher levels in effector cells.

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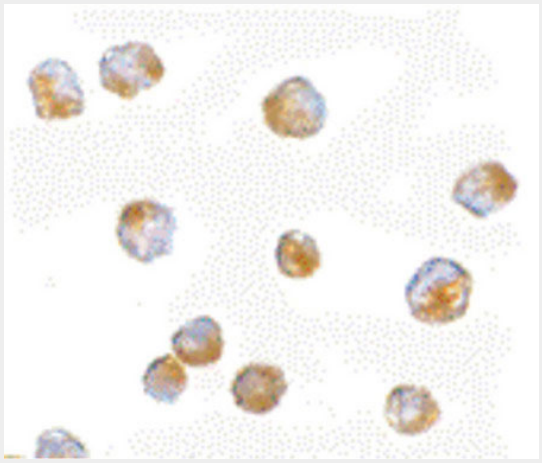
ORAI3 Antibody (C-Terminus) - Protocols

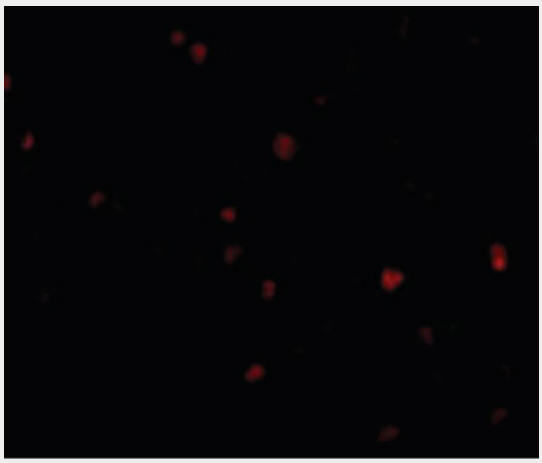
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ORAI3 Antibody (C-Terminus) - Images



Immunocytochemistry of ORAI3 in A20 cells with ORAI3 antibody at 5 ug/ml.



Immunofluorescence of ORAI3 in A20 cells with ORAI3 antibody at 10 ug/ml.

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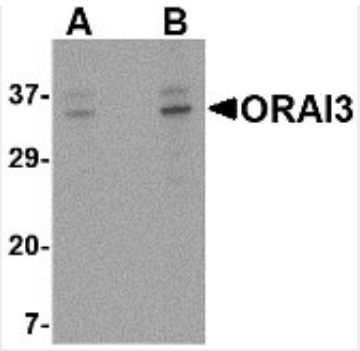

Western blot of ORAI3 in A20 cell lysate with ORAI3 antibody at (A) 2 and (B) 4 ug/ml.

ORAI3 Antibody (C-Terminus) - Background

Key regulator or component of store-operated Ca(2+) channel and transcription factor NFAT nuclear import.

ORAI3 Antibody (C-Terminus) - References

Feske S.,et al.Nature 441:179-185(2006).
Srikanth S.,et al.Nat. Cell Biol. 12:436-446(2010).