

## anti- ORAI1 antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab06002   |
| Size:         | 100µg   |
| Form:         | liquid  |
| Purification: | Protein A+G purification  |
| Purity:       | ≥95% as determined by SDS-PAGE  |
| Host:         | Mouse   |
| Clonality:    | monoclonal  |
| Clone ID:     | 8C0   |
| IsoType:      | IgG1  |
| 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: | 32 kDa   |
| Uniprot ID : | Q96D31   |

### Application

|                       |                                   |
|-----------------------|-----------------------------------|
| Reactivity:           | Human                             |
| Tested Application:   | ELISA, WB,IHC                     |
| Recommended dilution: | WB: 1:500-1:2000; IHC: 1:50-1:500 |

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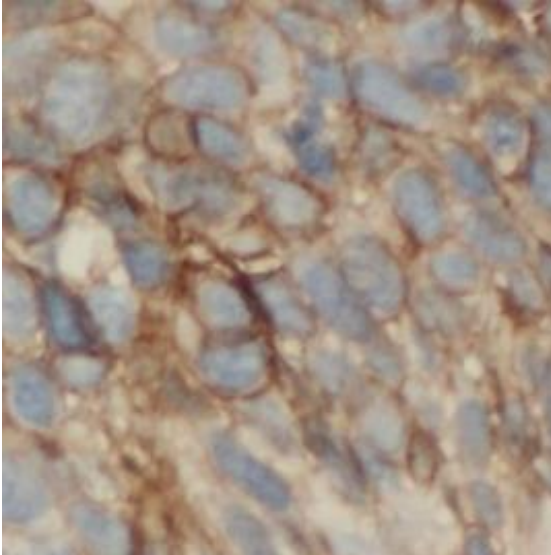
B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

Tel : (0086)027-87384275

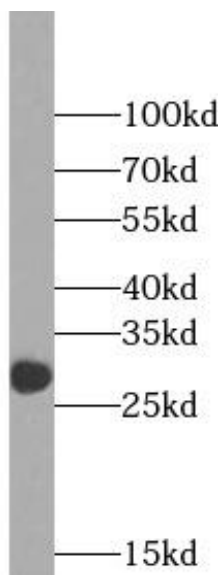
Fax: (0086)027-87800889

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Image:



Immunohistochemistry of paraffin-embedded human lung cancer tissue slide using FNab06002(ORAI1 Antibody) at dilution of 1:200



HL-60 cells were subjected to SDS PAGE followed by western blot with FNab06002(ORAI1 Antibody) at dilution of 1:1000

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