Orai1 Conjugated Antibody

Catalog No: #C56242

Package Size: #C56242-AF350 100ul #C56242-AF405 100ul #C56242-AF488 100ul #C56242-AF555 100ul #C56242-AF594 100ul #C56242-AF647 100ul #C56242-AF680 100ul #C56242-AF750 100ul #C56242-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	Orai1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	Orai1 Antibody detects endogenous levels of total Orai1
Immunogen Description	A synthesized peptide derived from human Orai1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CRACM1; Orai 1; ORAI calcium release activated calcium modulator 1; orai1; ORAT1; Protein orai 1; TMEM142A;
Accession No.	Uniprot:Q96D31
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	33kDa
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

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.

Note: This product is for in vitro research use only