

## NFAT2 Conjugated Antibody

Catalog No: #C49555



Package Size: #C49555-AF350 100ul #C49555-AF405 100ul #C49555-AF488 100ul  
 #C49555-AF555 100ul #C49555-AF594 100ul #C49555-AF647 100ul  
 #C49555-AF680 100ul #C49555-AF750 100ul #C49555-Biotin 100ul

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## Description

Product Name	NFAT2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	cytoplasmic 1 antibody MGC138448 antibody NF ATc antibody NF ATc1 antibody NF-ATc antibody NF-ATc1 antibody NF-ATc1.2 antibody NFAC1_HUMAN antibody NFAT 2 antibody NFAT transcription complex cytosolic component antibody NFATC 1 antibody NFATc antibody NFATc1 antibody Nuclear factor of activated T cells cytoplasmic 1 antibody Nuclear factor of activated T cells cytoplasmic calcineurin dependent 1 antibody Nuclear factor of activated T cells cytosolic component 1 antibody nuclear factor of activated T-cells 'c' antibody Nuclear factor of activated T-cells antibody
Accession No.	Swiss-Prot#:O95644
Uniprot	O95644
GeneID	4772;
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	101 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
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

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## Background

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Plays a role in the inducible expression of cytokine genes in T-cells, especially in the induction of the IL-2 or IL-4 gene transcription. Also controls gene expression in embryonic cardiac cells. Could regulate not only the activation and proliferation but also the differentiation and programmed death of T-lymphocytes as well as lymphoid and non-lymphoid cells. Required for osteoclastogenesis and regulates many genes important for osteoclast differentiation and function.

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Note: This product is for in vitro research use only