

Anti-NFAT2 Antibody (1J539)

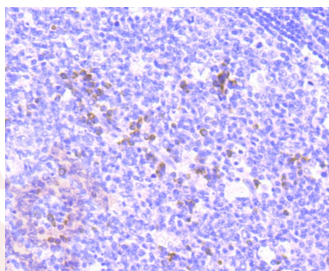
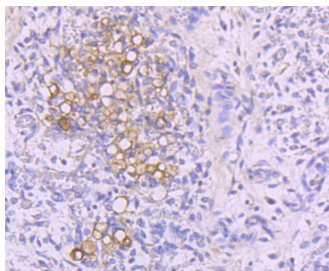
Product Details

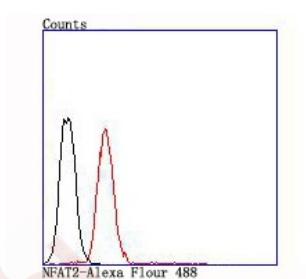
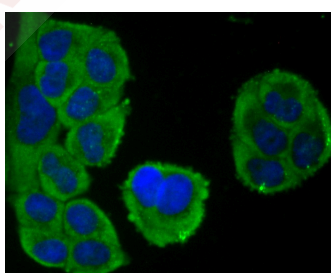
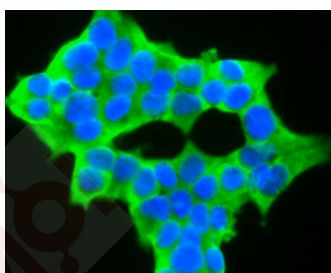
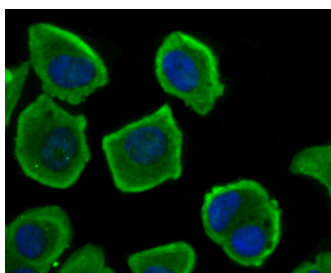
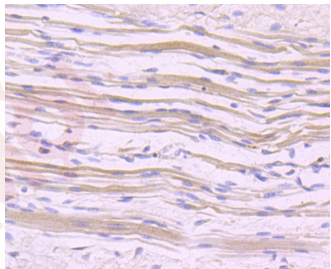
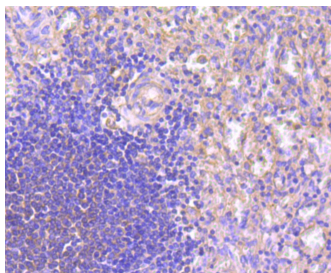
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 101 kDa.
Clone:	1J539
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Immunohistochemical analysis of paraffin-embedded human thymus tissue using anti-NFAT2 antibody. Counter stained with hematoxylin.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-NFAT2 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-NFAT2 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human skeleton muscle tissue using anti-NFAT2 antibody. Counter stained with hematoxylin.
5. ICC staining NFAT2 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
6. ICC staining NFAT2 in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
7. ICC staining NFAT2 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
8. Flow cytometric analysis of Jurkat cells with NFAT2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).





Application: FCM, ICC, IHC, WB

Recommended IHC: 1:50-200; ICC: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: O95644

Synonyms: Nuclear factor of activated T cells cytosolic component 1;NFATc;NFAT transcription complex cytosolic component;MGC138448;NFATC 1;Nuclear factor of activated T cells cytoplasmic 1; NFAC1;NF ATc1;NF ATc;NFAT2;NFATc1;NFAT 2;Nuclear factor of activated T cells cytoplasmic calcineurin dependent 1

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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