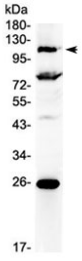
NFAT4 Antibody / NFATC3 (R32932)

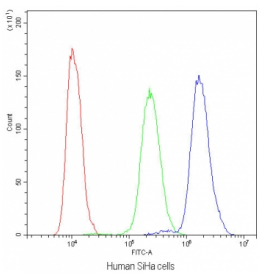
Catalog No.	Formulation	Size
R32932	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

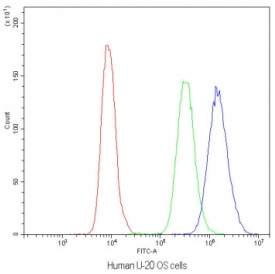
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	Q12968
Applications	Western Blot: 0.5-1ug/ml FACS: 1-3ug/10^6 cells Direct ELISA (recombinant human protein): 0.1-0.5ug/ml (BSA-free format available)
Limitations	This NFAT4 antibody is available for research use only.



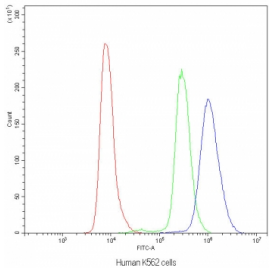
Western blot testing of human 22RV1 cell lysate with NFAT4 antibody at 0.5ug/ml. Predicted molecular weight: ~116 kDa but can be observed at 140~150 kDa due to phosphorylation.



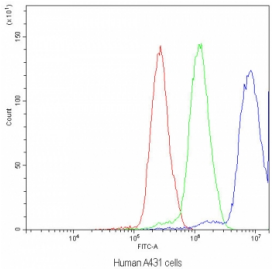
Flow cytometry testing of human SiHa cells with NFAT4 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=NFAT4 antibody.



Flow cytometry testing of human U-2 OS cells with NFAT4 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=NFAT4 antibody.



Flow cytometry testing of human K562 cells with NFAT4 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=NFAT4 antibody.



Flow cytometry testing of human A431 cells with NFAT4 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=NFAT4 antibody.

Description

Nuclear factor of activated T-cells, cytoplasmic 3 is a protein that in humans is encoded by the NFATC3 gene. The product of this gene is a member of the nuclear factors of activated T cells DNA-binding transcription complex. This complex consists of at least two components: a preexisting cytosolic component that translocates to the nucleus upon T cell receptor (TCR) stimulation and an inducible nuclear component. Other members of this family participate to form this complex also. The product of this gene plays a role in the regulation of gene expression in T cells and immature thymocytes.

Application Notes

Optimal dilution of the NFAT4 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids K630-L712 was used as the immunogen for the NFAT4 antibody.

Storage

After reconstitution, the NFAT4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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