

Datasheet for ABIN5647603

anti-NFATC3 antibody

4 Images

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Overview

Quantity:	100 µg
Target:	NFATC3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NFATC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A recombinant human protein corresponding to amino acids K630-L712 was used as the immunogen for the NFAT4 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	NFATC3
Alternative Name:	NFATC3 / NFAT4 (NFATC3 Products)
Background:	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)

Target Details

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.

UniProt:	Q12968
Pathways:	RTK Signaling , WNT Signaling , Fc-epsilon Receptor Signaling Pathway , Chromatin Binding

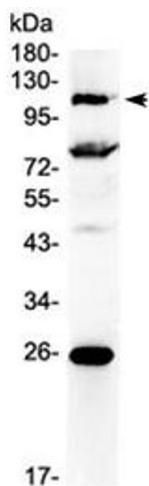
Application Details

Application Notes:	Optimal dilution of the NFAT4 antibody should be determined by the researcher.\. Western Blot: 0.5-1 µg/mL,FACS: 1-3 µg/10 ⁶ cells,Direct ELISA (recombinant human protein): 0.1-0.5 µg/mL (BSA-free format available)
Restrictions:	For Research Use only

Handling

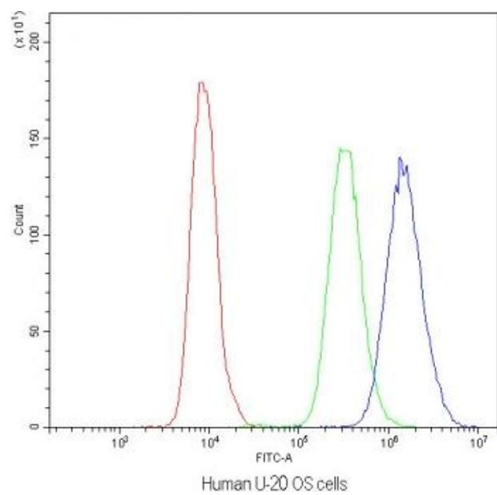
Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the NFAT4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



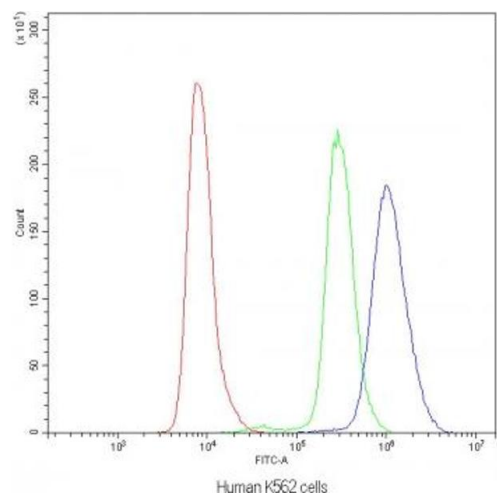
Western Blotting

Image 1. 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

Image 2. Flow cytometry testing of human U-2 OS cells with NFAT4 antibody at 1ug/10⁶ cells (blocked with goat sera)



Flow Cytometry

Image 3. Flow cytometry testing of human K562 cells with NFAT4 antibody at 1ug/10⁶ cells (blocked with goat sera)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5647603.