

# Product Datasheet

## NFATC2/NFAT1 Antibody (JA11-08) NBP2-66974

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-66974](http://www.novusbio.com/NBP2-66974)

Updated 1/3/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-66974](http://www.novusbio.com/reviews/destination/NBP2-66974)



**NBP2-66974**

NFATC2/NFAT1 Antibody (JA11-08)

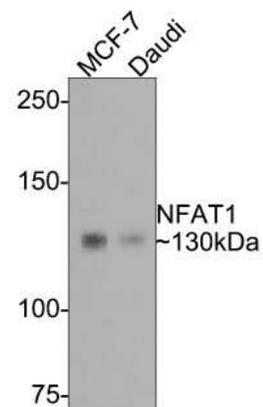
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JA11-08
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	NFATC2
Species	Human
Immunogen	Synthetic peptide within Human NFATC2/NFAT1 aa 21-70 / 925. (SwissProt: Q13469 Human)

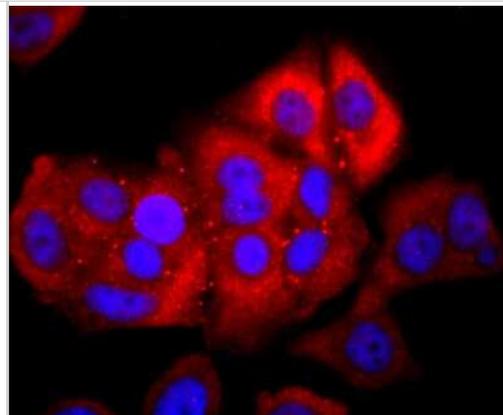
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

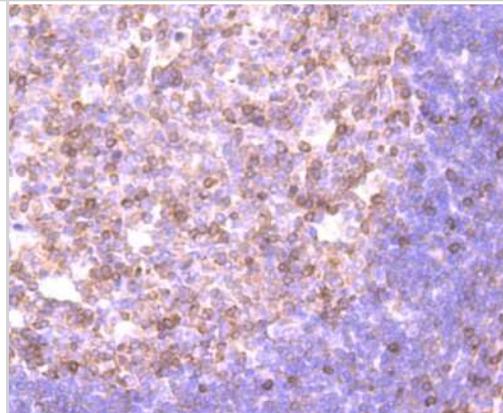
Western Blot: NFATC2/NFAT1 Antibody (JA11-08) [NBP2-66974] - Analysis of NFATC2/NFAT1 on different lysates with Rabbit anti-NFATC2/NFAT1 antibody at 1/500 dilution. Lane 1: MCF-7 cell lysate Lane 2: Daudi cell lysate Lysates/proteins at 10 ug/Lane. Predicted band size: 100 kDa Observed band size: 130 kDa Exposure time: 2 minutes; 6% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.



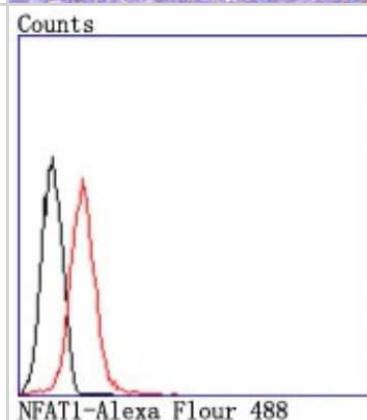
Immunocytochemistry/Immunofluorescence: NFATC2/NFAT1 Antibody (JA11-08) [NBP2-66974] - Staining NFAT1 in MCF-7 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



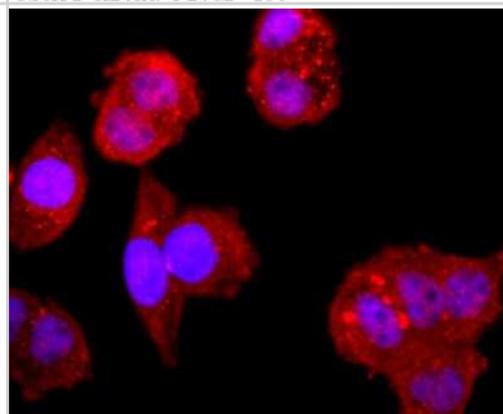
Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody (JA11-08) [NBP2-66974] - Analysis of paraffin-embedded human tonsil tissue using anti-NFAT1 antibody. Counter stained with hematoxylin.



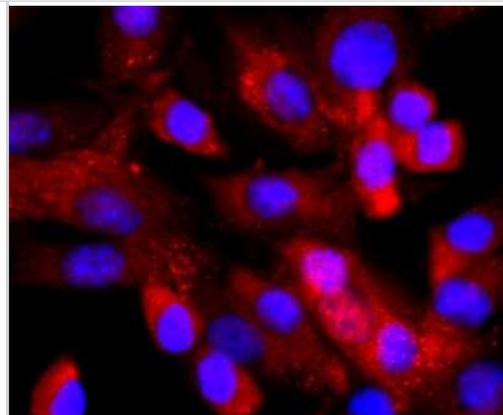
Flow Cytometry: NFATC2/NFAT1 Antibody (JA11-08) [NBP2-66974] - Analysis of Jurkat cells with NFAT1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



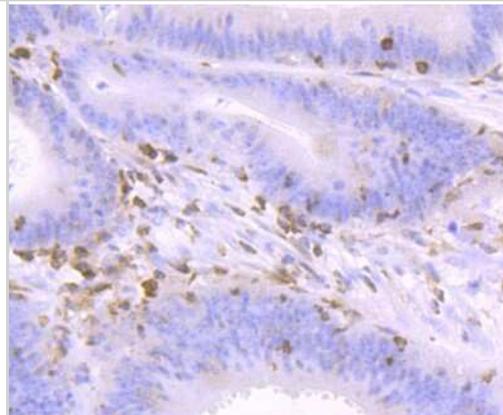
Immunocytochemistry/Immunofluorescence: NFATC2/NFAT1 Antibody (JA11-08) [NBP2-66974] - Staining NFAT1 in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



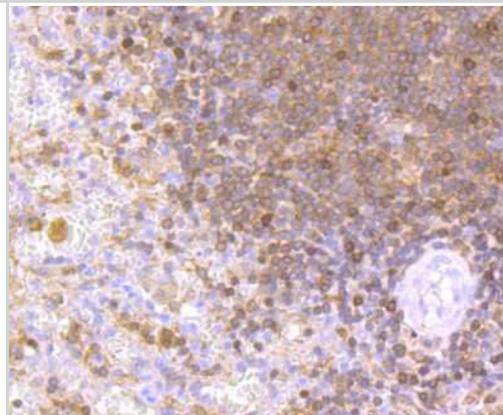
Immunocytochemistry/Immunofluorescence: NFATC2/NFAT1 Antibody (JA11-08) [NBP2-66974] - Staining NFAT1 in SHG-44 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody (JA11-08) [NBP2-66974] - Analysis of paraffin-embedded human colon cancer tissue using anti-NFAT1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: NFATC2/NFAT1 Antibody (JA11-08) [NBP2-66974] - Analysis of paraffin-embedded human spleen tissue using anti-NFAT1 antibody. Counter stained with hematoxylin.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-  
techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-66974](http://www.novusbio.com/reviews/submit/NBP2-66974)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

