

Product Datasheet

Tubulin Beta 4 Antibody (OTI3F1) NBP2-00812

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-00812

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-00812



NBP2-00812

Tubulin Beta 4 Antibody (OTI3F1)

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI3F1
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	49.4 kDa

Product Description

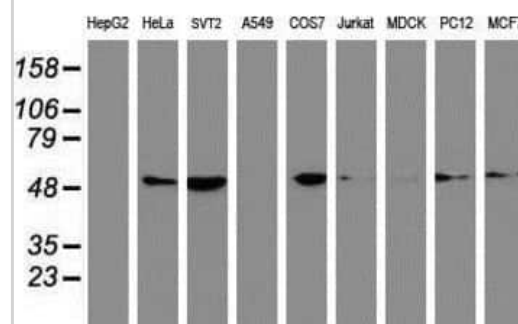
Host	Mouse
Gene ID	10382
Gene Symbol	TUBB4A
Species	Human, Mouse, Rat, Canine, Primate, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full length human recombinant protein of human TUBB4 (NP_006078) produced in HEK293T cell.

Product Application Details

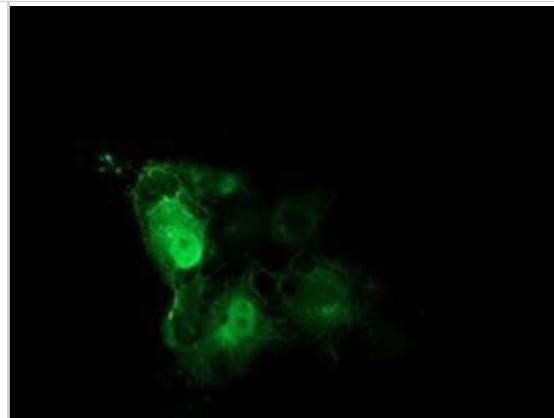
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

Images

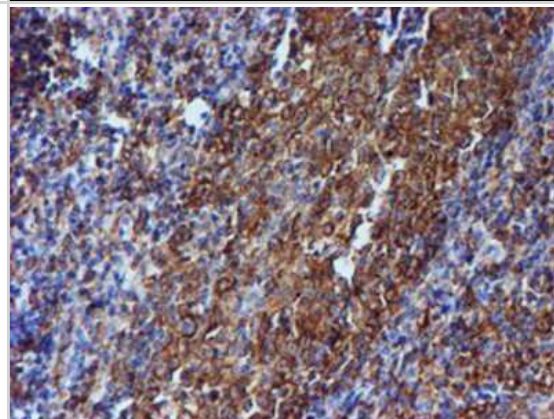
Western Blot: Tubulin Beta 4 Antibody (3F1) [NBP2-00812] Analysis of extracts (35ug) from 9 different cell lines by using anti-Tubulin Beta 4 monoclonal antibody.



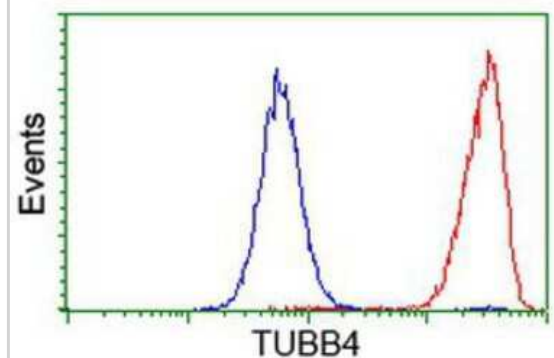
Immunocytochemistry/Immunofluorescence: Tubulin Beta 4 Antibody (3F1) [NBP2-00812] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY Tubulin Beta 4.



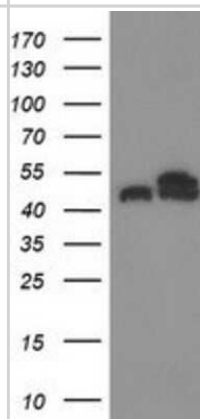
Immunohistochemistry-Paraffin: Tubulin Beta 4 Antibody (3F1) [NBP2-00812] - Staining of paraffin-embedded Human tonsil using anti-Tubulin Beta 4 mouse monoclonal antibody.



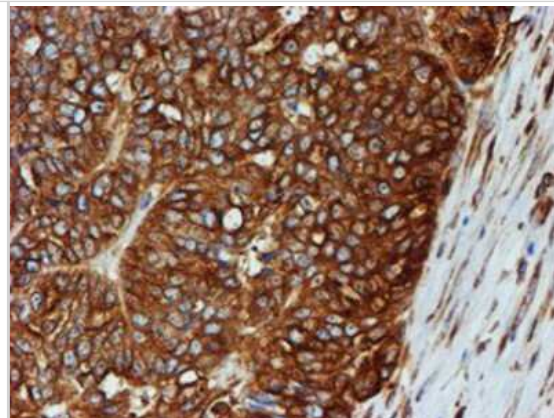
Flow Cytometry: Tubulin Beta 4 Antibody (3F1) [NBP2-00812] - Analysis of HeLa cells, using anti-Tubulin Beta 4 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



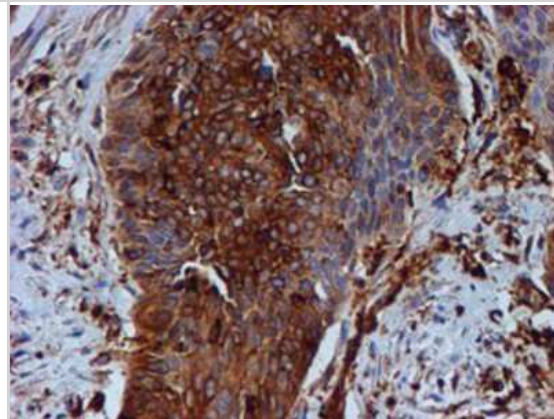
Western Blot: Tubulin Beta 4 Antibody (3F1) [NBP2-00812] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Tubulin Beta 4 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Tubulin Beta 4.



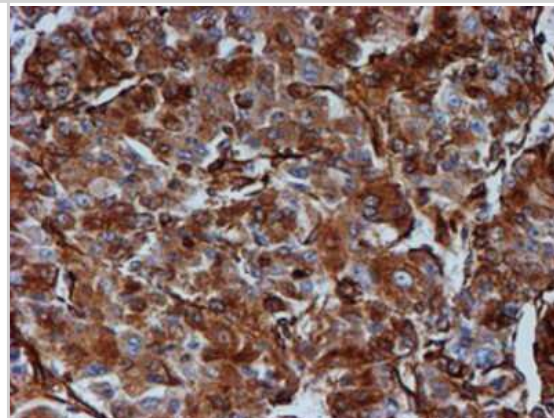
Immunohistochemistry-Paraffin: Tubulin Beta 4 Antibody (3F1) [NBP2-00812] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Tubulin Beta 4 mouse monoclonal antibody.



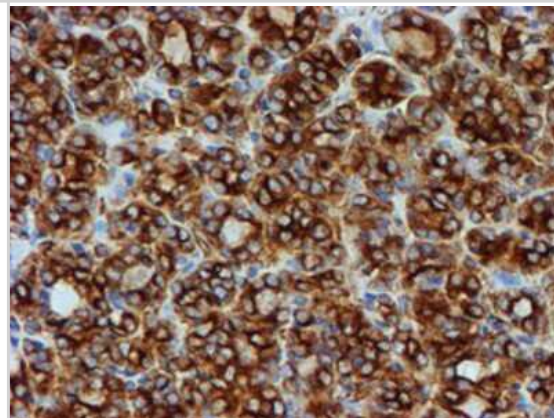
Immunohistochemistry-Paraffin: Tubulin Beta 4 Antibody (3F1) [NBP2-00812] - Staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-Tubulin Beta 4 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Tubulin Beta 4 Antibody (3F1) [NBP2-00812] - Staining of paraffin-embedded Carcinoma of Human liver tissue using anti-Tubulin Beta 4 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: Tubulin Beta 4 Antibody (3F1) [NBP2-00812] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-Tubulin Beta 4 mouse monoclonal antibody.



Publications

Resnick JD, Wilson JL, Anaya E et al. Growth media affects susceptibility of air-lifted human nasal epithelial cell cultures to SARS-CoV2, but not Influenza A, virus infection bioRxiv 2023-08-06 [PMID: 37577692]

Powell H, Liu H, Pekosz A Changes in sialic acid binding associated with egg adaptation decrease live attenuated influenza virus replication in human nasal epithelial cell cultures Vaccine 2021-05-10 [PMID: 33985852]

Powell H INFLUENZA A VIRUS FITNESS IS LINKED WITH ANTIGENIC CHANGES IN THE HEMAGGLUTININ AND NEURAMINIDASE PROTEINS Thesis 2020-01-01

Tan LX, Toops KA, Lakkaraju A. Protective responses to sublytic complement in the retinal pigment epithelium Proc. Natl. Acad. Sci. U.S.A. 2016-08-02 [PMID: 27432952] (WB)





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

Products Related to NBP2-00812

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00010382-P01-10ug	Recombinant Human Tubulin Beta 4 GST (N-Term) Protein

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-00812

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

