

Product Datasheet

Tau Antibody (Tau-5) - Chimeric - Azide and BSA Free NBP2-81091-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-81091

Updated 10/19/2023 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/NBP2-81091



NBP2-81091-0.2mg

Tau Antibody (Tau-5) - Chimeric - Azide and BSA Free

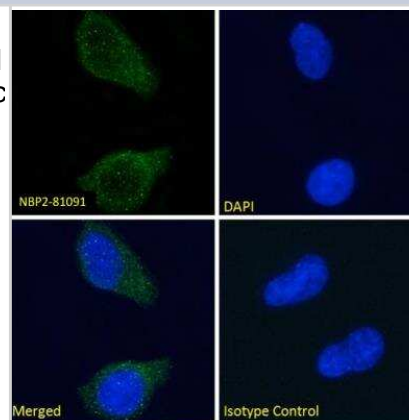
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	Tau-5
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	4137
Gene Symbol	MAPT
Species	Human, Mouse, Rat, Sheep
Specificity/Sensitivity	This antibody binds to sequence 210-241 of tau protein.
Immunogen	Tau protein.

Product Application Details	
Applications	Electron Microscopy, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Immunocytochemistry/ Immunofluorescence, Electron Microscopy
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques. This antibody binds to tau in a phosphorylation independent manner. Tau proteins are abundant in the central nervous system and stabilize microtubules. Immuno-staining can be affected by different fixation methods (see LoPresti et al. 1995).

Images

Immunocytochemistry/Immunofluorescence: Tau Antibody (Tau-5) [NBP2-81091] - Immunofluorescence analysis of paraformaldehyde fixed U251 cells permeabilized with 0.15% Triton and stained with the chimeric mouse IgG1 version of Tau-5 at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2 ug/ml), showing cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-81091, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-unknown specificity antibody followed by Alexa Fluor 488 secondary antibody.

**Publications**

Chen YY, Chen SY, Lin JA, Yen GC Preventive Effect of Indian Gooseberry (*Phyllanthus emblica* L.) Fruit Extract on Cognitive Decline in High-Fat Diet (HFD)-Fed Rats *Molecular nutrition & food research* 2023-02-04 [PMID: 36738163]



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 NBP2-81091-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-76793-100ug	Recombinant Human Tau Active, (K18), P301L Mutant, Pre-formed Fibrils Protein
7954-GM-010/CF	GM-CSF [Unconjugated]

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/NBP2-81091

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

