

Product Datasheet

P2X3/P2RX3 Antibody NB100-1654

Unit Size: 0.05 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Reviews: 1 Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-1654

Updated 3/30/2022 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/NB100-1654



NB100-1654**P2X3/P2RX3 Antibody**

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

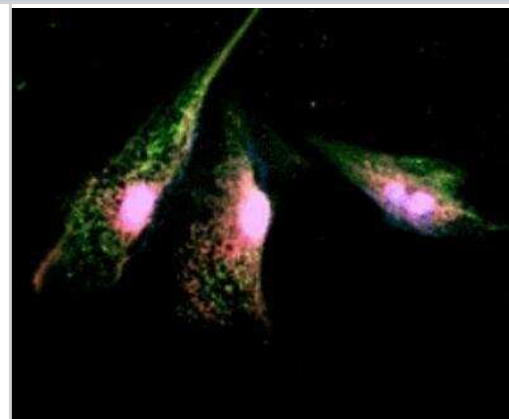
Product Description	
Host	Rabbit
Gene ID	5024
Gene Symbol	P2RX3
Species	Human, Mouse, Rat, Primate
Reactivity Notes	Mouse reactivity reported in (PMID: 27893742), Customer review.
Specificity/Sensitivity	P2X3
Immunogen	Synthetic peptide: VEKQSTDGAYSIGH, corresponding to amino acids 383-397 of C-terminus of Rat P2X3.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	IP reactivity reported in (PMID: 21999289)

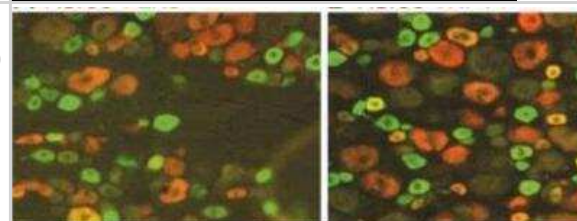


Images

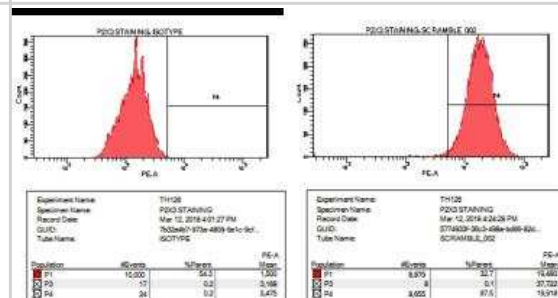
Immunocytochemistry/Immunofluorescence: P2X3/P2RX3 Antibody [NB100-1654] - Double immunofluorescence staining in cultured human bladder urothelial cells (BUCs). BUCs show cytokeratin (red areas) and P2X3 (green areas) expression.



Immunohistochemistry-Paraffin: P2X3/P2RX3 Antibody [NB100-1654] - DRG sections double-labeled for ASIC3 (red) and either P2X3 (green, A) or TRPV1 (green, B); double-labeled cells are yellow or orange



Flow Cytometry: P2X3/P2RX3 Antibody [NB100-1654] - Mouse P2X3 is detected as seen from the shift in PE-A from stain control to P2X3 stained mast cells. Bone marrow derived mouse mast cells were fixed and permeabilized in 4% PFA/saponin and stained with this product at 4C and a secondary antibody, PE anti-rabbit.



Publications

Kumari A, Li L, Ermilov AN et al. Unique lingual expression of the Hedgehog pathway antagonist Hedgehog-interacting protein in filiform papillae during homeostasis and ectopic expression in fungiform papillae during Hedgehog signaling inhibition Developmental dynamics : an official publication of the American Association of Anatomists 2022-07-01 [PMID: 35048440] (IHC, Mouse)

Rhee Y, Choi Y, Hu A et al. Role of Transient Receptor Potential Vanilloid 1 in Sonic Hedgehog-Dependent Taste Bud Differentiation Life 2022-12-27 [PMID: 36676024] (IHC, Mouse)

Ermilov AN, Kumari A, Li L et al. Maintenance of Taste Organs Is Strictly Dependent on Epithelial Hedgehog/GLI Signaling. PLoS Genet. 2016-11-01 [PMID: 27893742] (WB, Mouse)

Kumari A, Ermilov An, Allen BI et al. Hedgehog pathway blockade with the cancer drug LDE225 disrupts taste organs and taste sensation. J. neurophysiol. 2014-11-12 [PMID: 25392175]

Tamburro D, Fredolini C, Espina V, Douglas TA, Ranganathan A, Ilag L, Zhou W, Russo P, Espina BH, Muto G, Petricoin EF 3rd, Liotta LA, Luchini A. Multifunctional core-shell nanoparticles: discovery of previously invisible biomarkers. J Am Chem Soc;133(47):19178-88. 2011-11-30 [PMID: 21999289] (IP)



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
novus@novusbio.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-technne.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-technne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-1654

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

