

Product Datasheet

mu Crystallin Antibody (OTI1G7)

NBP2-02829

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-02829

Updated 9/9/2025 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/NBP2-02829



NBP2-02829

mu Crystallin Antibody (OTI1G7)

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1G7
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	33.6 kDa

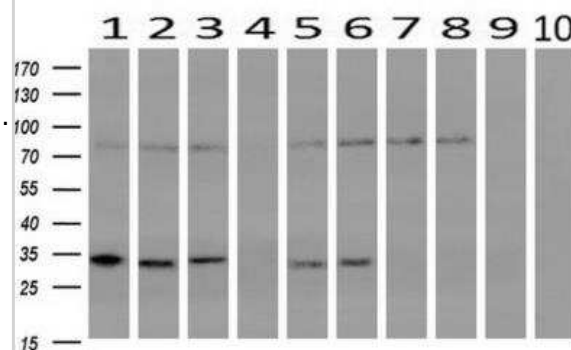
Product Description	
Description	Novus Biologicals Mouse mu Crystallin Antibody (OTI1G7) (NBP2-02829) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1428
Gene Symbol	CRYM
Species	Human, Mouse, Rat
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 CRYM (NP_001879) produced in HEK293T cell.

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

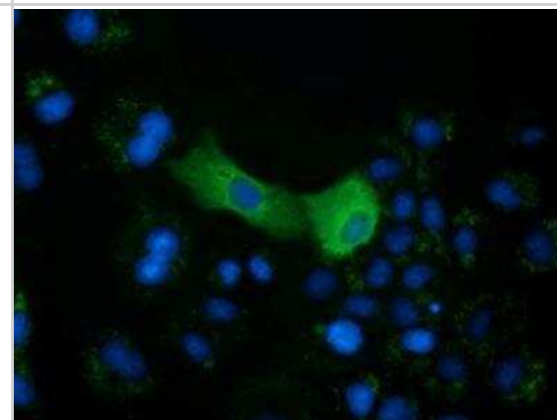


Images

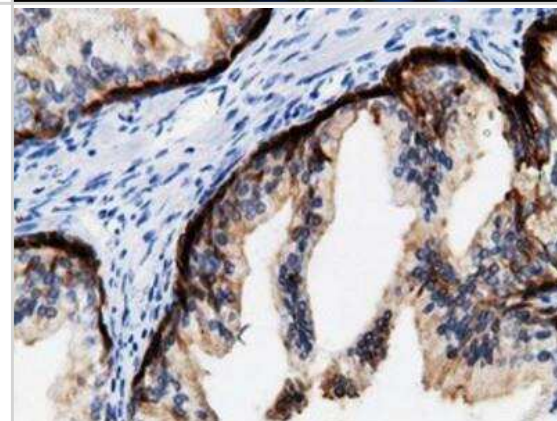
Western Blot: mu Crystallin Antibody (OTI1G7) [NBP2-02829] - analysis of extracts (10ug) from 10 Human tissue by using anti-CRYM monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).



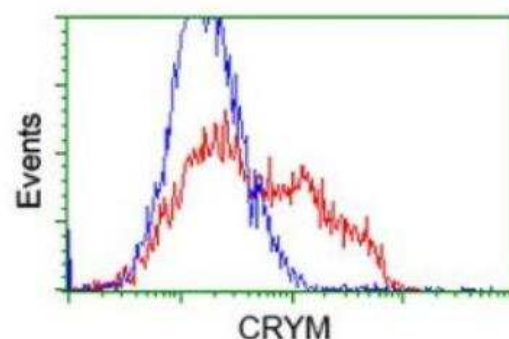
Immunocytochemistry/Immunofluorescence: mu Crystallin Antibody (OTI1G7) [NBP2-02829] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY mu Crystallin.



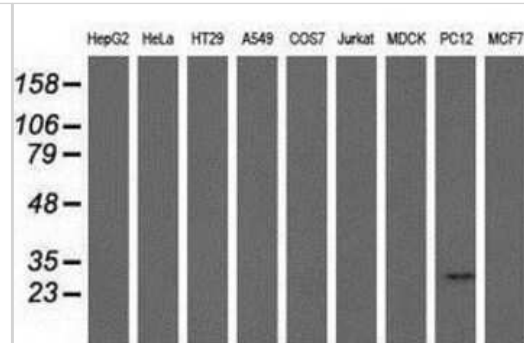
Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Human prostate tissue using anti-mu Crystallin mouse monoclonal antibody.



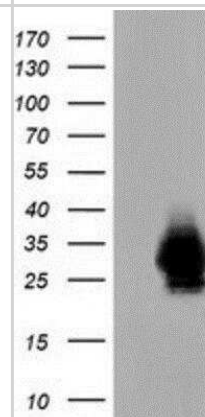
Flow Cytometry: mu Crystallin Antibody (OTI1G7) [NBP2-02829] - HEK293T cells transfected with either RC218123 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained and then analyzed by flow cytometry.



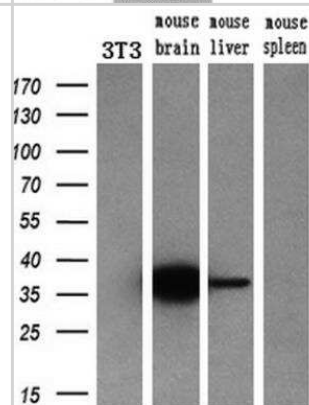
Western Blot: mu Crystallin Antibody (1G7) [NBP2-02829] Analysis of extracts (35ug) from 9 different cell lines by using anti-mu Crystallin monoclonal antibody.



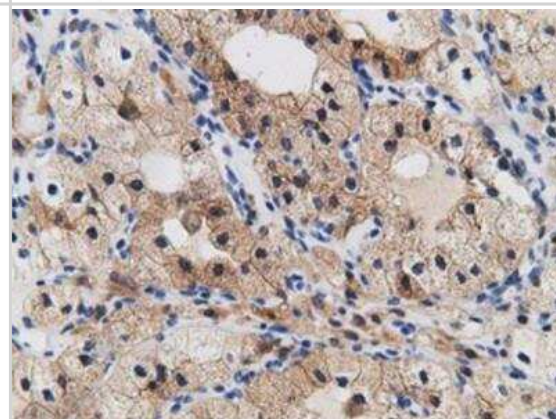
Western Blot: mu Crystallin Antibody (1G7) [NBP2-02829] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY mu Crystallin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-mu Crystallin.



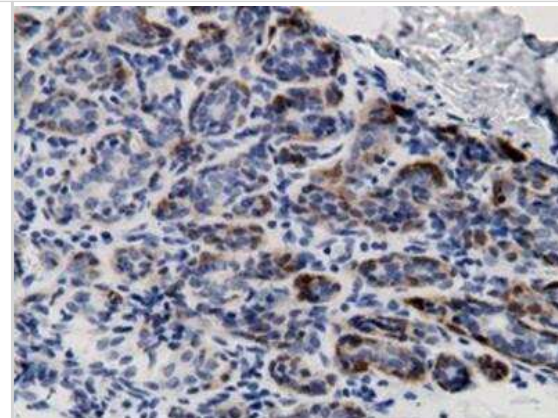
Western Blot: mu Crystallin Antibody (OTI1G7) [NBP2-02829] - analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-CRYM monoclonal antibody (1:200).



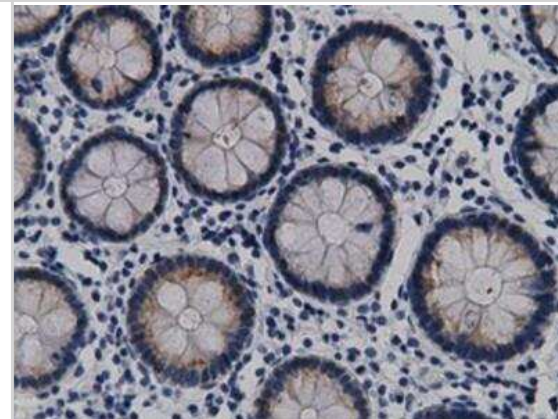
Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-mu Crystallin mouse monoclonal antibody.



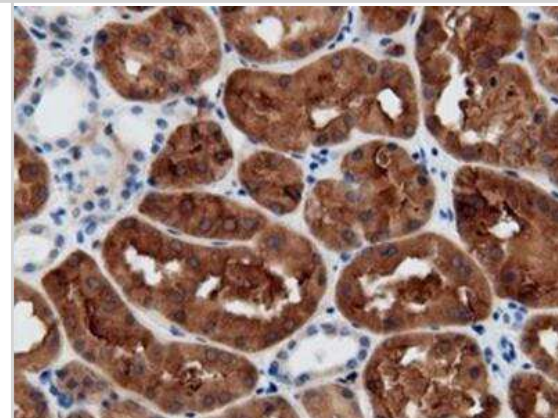
Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Human breast tissue using anti-mu Crystallin mouse monoclonal antibody.



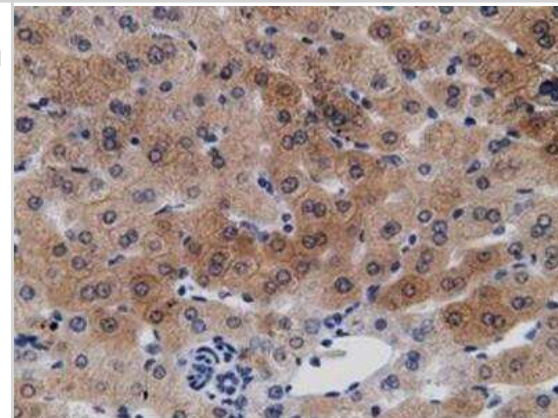
Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Human colon tissue using anti-mu Crystallin mouse monoclonal antibody.



Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Human Kidney tissue using anti-mu Crystallin mouse monoclonal antibody.



Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Human liver tissue using anti-mu Crystallin mouse monoclonal antibody.





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 NBP2-02829

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-44383	Recombinant Human mu Crystallin His 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/NBP2-02829

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

