

Product Datasheet

mu Crystallin Antibody (OT1G7) - Azide and BSA Free NBP2-72825

Unit Size: 100 ug

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

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NBP2-72825

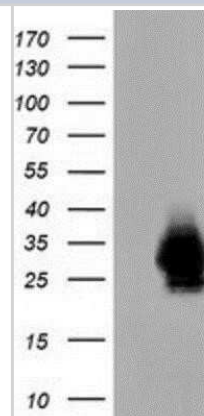
mu Crystallin Antibody (OTI1G7) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1G7
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	33.6 kDa
Product Description	
Description	Novus Biologicals Mouse mu Crystallin Antibody (OTI1G7) - Azide and BSA Free (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, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

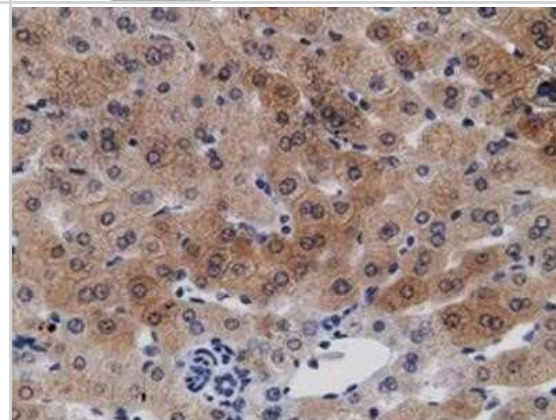


Images

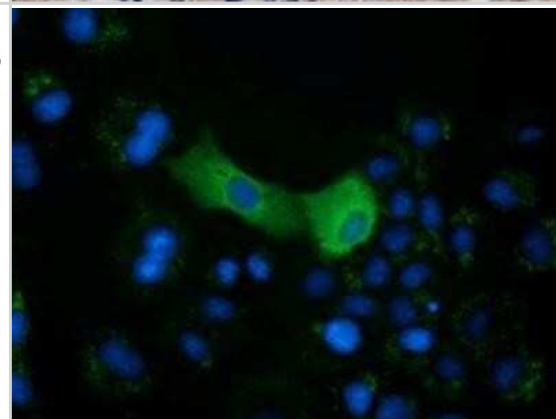
Western Blot: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY mu Crystallin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-mu Cryst



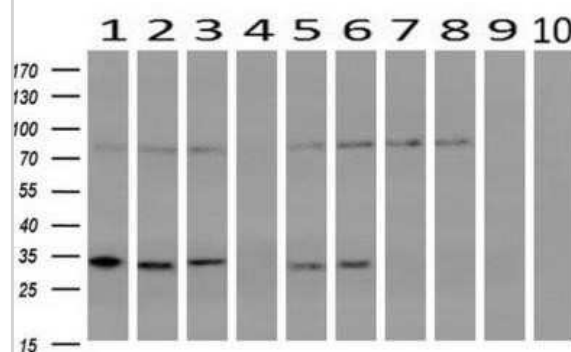
Immunohistochemistry: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Staining of paraffin-embedded Human liver tissue using anti-mu Crystallin mouse monoclonal antibody.



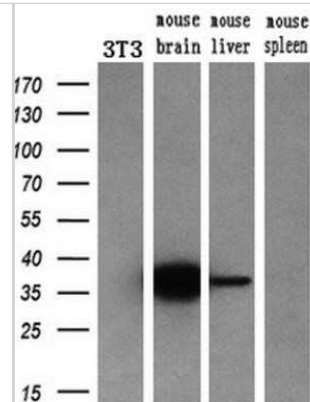
Flow Cytometry: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY mu Crystallin.



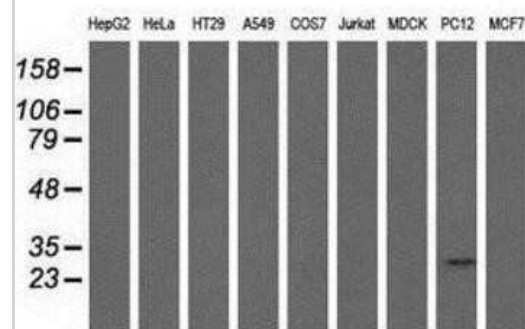
Western Blot: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Analysis of extracts (10ug) from 10 Human tissue by using anti-CRYM monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).



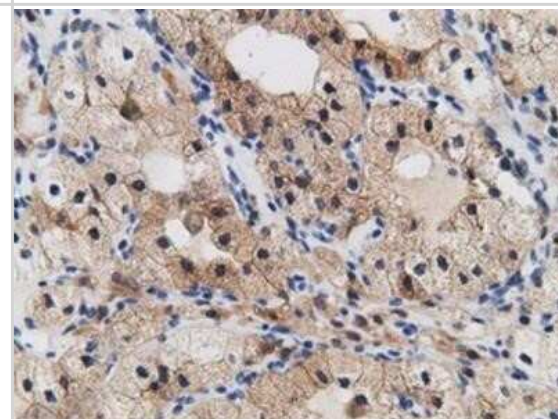
Western Blot: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-CRYM monoclonal antibody (1:200).



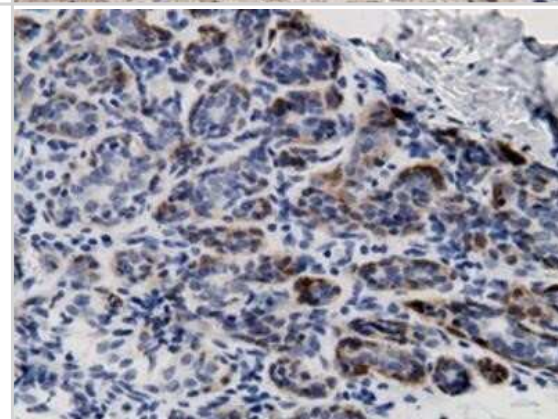
Western Blot: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Analysis of extracts (35ug) from 9 different cell lines by using anti-mu Crystallin monoclonal antibody.



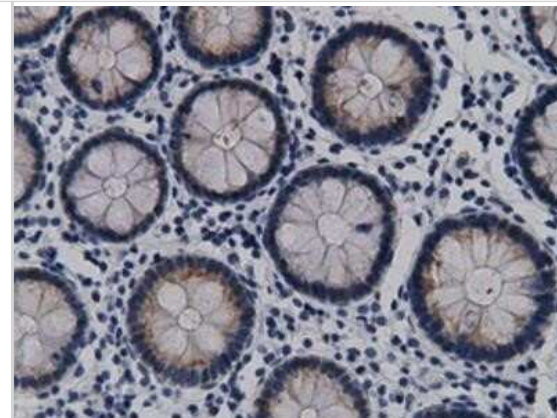
Immunohistochemistry: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-mu Crystallin mouse monoclonal antibody.



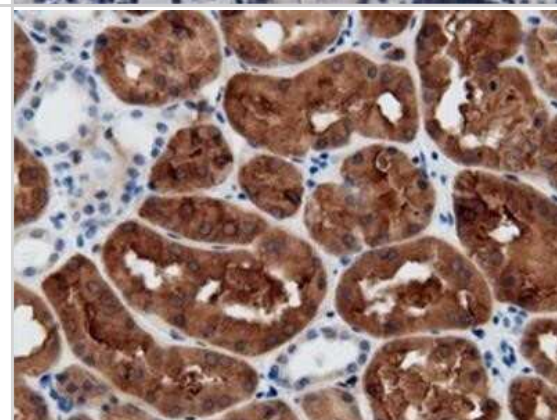
Immunohistochemistry: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Staining of paraffin-embedded Human breast tissue using anti-mu Crystallin mouse monoclonal antibody.



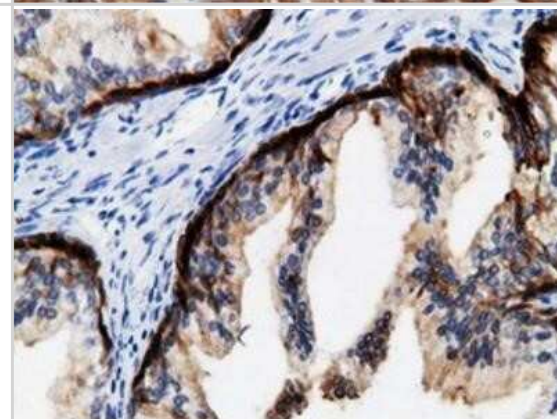
Immunohistochemistry: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Staining of paraffin-embedded Human colon tissue using anti-mu Crystallin mouse monoclonal antibody.



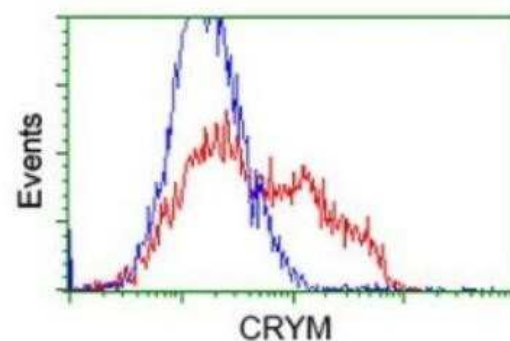
Immunohistochemistry: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Staining of paraffin-embedded Human Kidney tissue using anti-mu Crystallin mouse monoclonal antibody.



Immunohistochemistry: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - Staining of paraffin-embedded Human prostate tissue using anti-mu Crystallin mouse monoclonal antibody.



Flow Cytometry: mu Crystallin Antibody (OTI1G7) - Azide and BSA Free [NBP2-72825] - HEK293T cells transfected with either RC218123 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostaining and then analyzed by flow cytometry.





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Products Related to NBP2-72825

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.

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