

Product Datasheet

mu Crystallin Antibody (OTI1G7)

NBP2-02829

Unit Size: 0.1 ml

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

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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

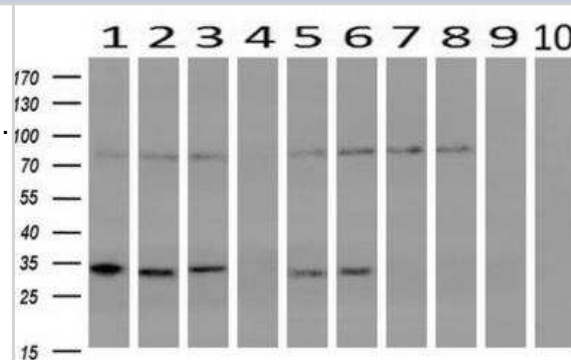
Host	Mouse
Gene ID	1428
Gene Symbol	CRYM
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these 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

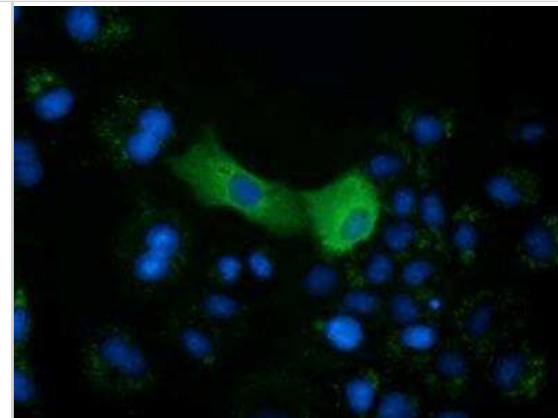
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin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

Images

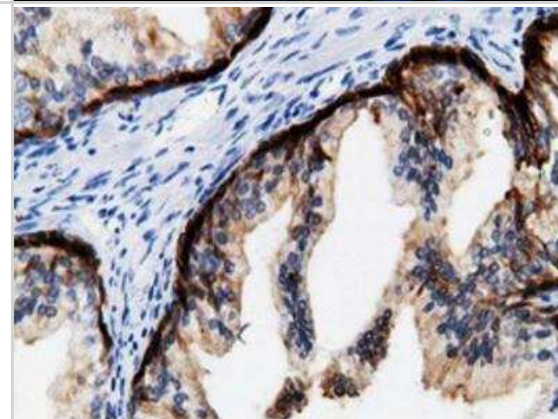
Western Blot: mu Crystallin Antibody (OTI1G7) [NBP2-02829] - analysis of extracts (10ug) from 10 Human tissue by using anti-CRYM monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).



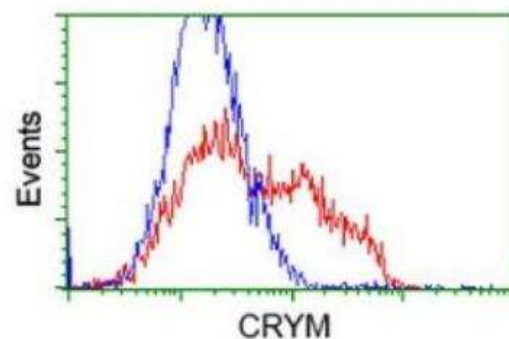
Immunocytochemistry/Immunofluorescence: mu Crystallin Antibody (OT11G7) [NBP2-02829] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY mu Crystallin.



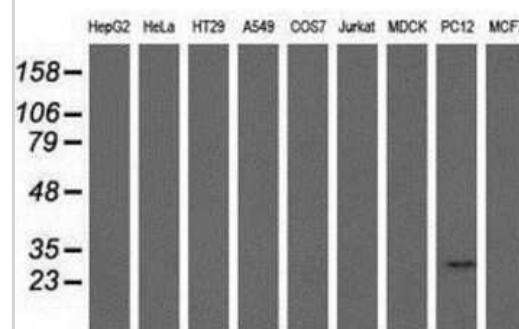
Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Human prostate tissue using anti-mu Crystallin mouse monoclonal antibody.



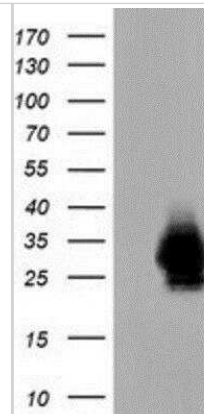
Flow Cytometry: mu Crystallin Antibody (OT11G7) [NBP2-02829] - HEK293T cells transfected with either RC218123 overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained and then analyzed by flow cytometry.



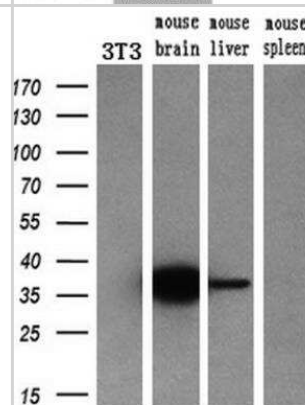
Western Blot: mu Crystallin Antibody (1G7) [NBP2-02829] Analysis of extracts (35ug) from 9 different cell lines by using anti-mu Crystallin monoclonal antibody.



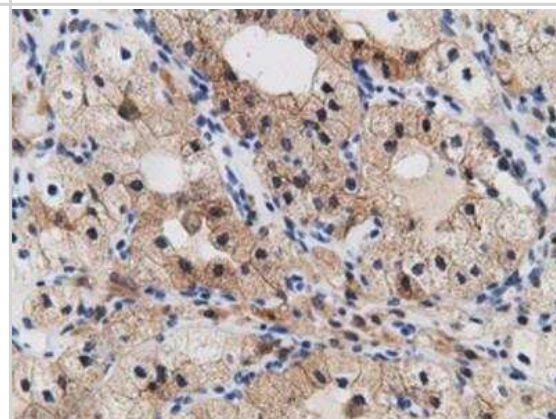
Western Blot: mu Crystallin Antibody (1G7) [NBP2-02829] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY mu Crystallin (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-mu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



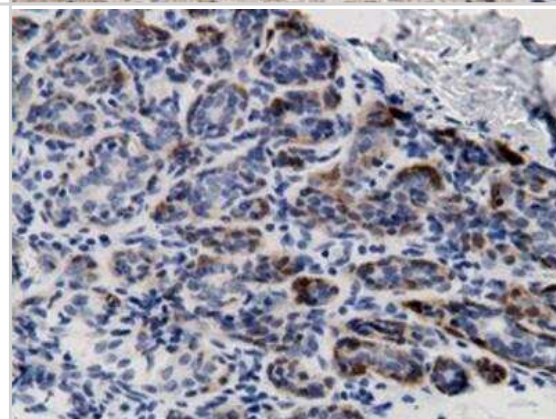
Western Blot: mu Crystallin Antibody (OTI1G7) [NBP2-02829] - analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-CRYM monoclonal antibody (1:200).



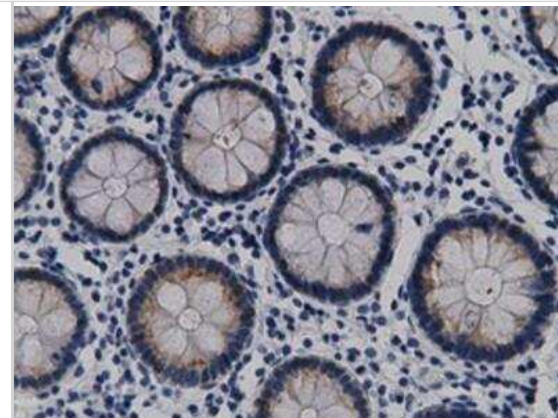
Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-mu Crystallin mouse monoclonal antibody.



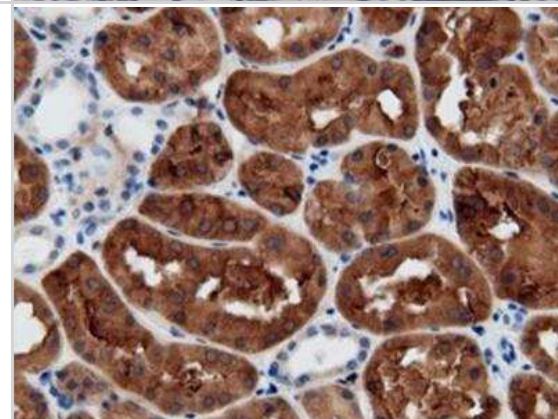
Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Human breast tissue using anti-mu Crystallin mouse monoclonal antibody.



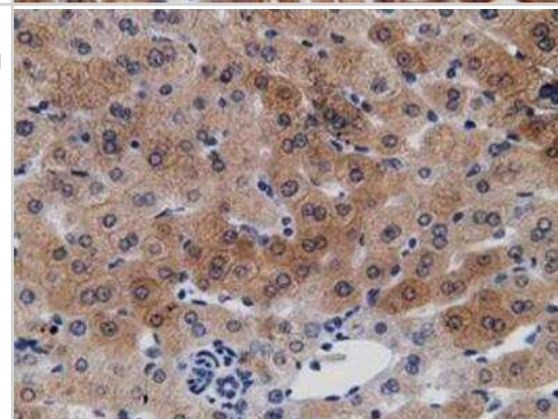
Immunohistochemistry-Paraffin: mu Crystallin Antibody (1G7) [NBP2-02829] - Staining of paraffin-embedded Human colon tissue using anti-mu Crystallin mouse monoclonal antibody.



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.





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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.

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