

Anti-mu Crystallin (CRYM) Mouse Monoclonal Antibody [Clone ID: OT1G7]

Catalog Number: M05298

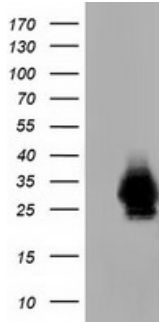
Overview

Product Name	Anti-mu Crystallin (CRYM) Mouse Monoclonal Antibody [Clone ID: OT1G7]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio CRYM (mu Crystallin) mouse monoclonal antibody, clone OT1G7 (formerly 1G7). Catalog# M05298. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OT1G7
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	Q14894

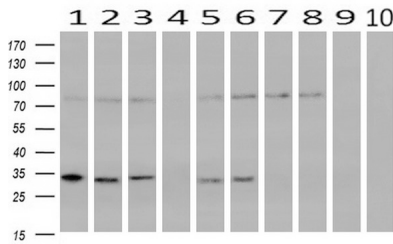
Technical Details

Immunogen	Full length human recombinant protein of human CRYM (NP_001879) produced in HEK293T cell.
Isotype	IgG2b
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:500~2000 IHC 1:150 IF 1:100 Flow Cytometry 1:100

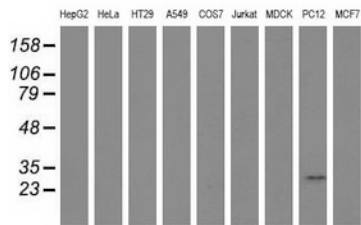
Anti-mu Crystallin (CRYM) Mouse Monoclonal Antibody [Clone ID: OTI1G7] (M05298) Images



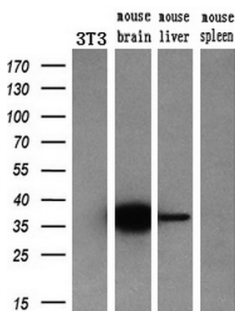
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CRYM (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CRYM.



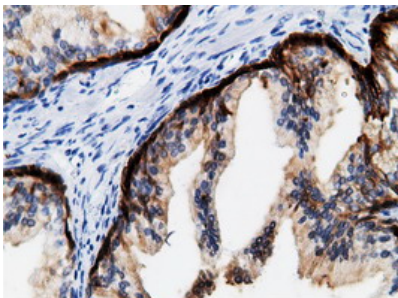
Western blot analysis of extracts (10ug) from 10 Human tissue by using anti-CRYM monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon; 10: spleen).



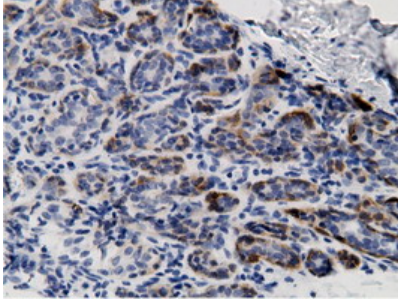
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CRYM monoclonal antibody.



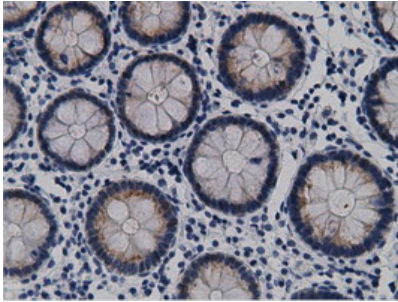
Western blot analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-CRYM monoclonal antibody (1:200).



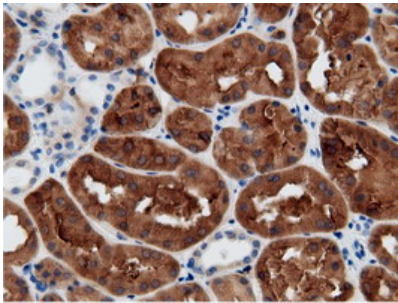
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-CRYM mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



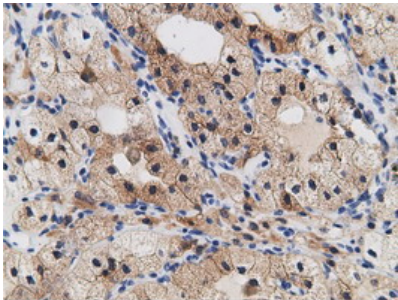
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-CRYM mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



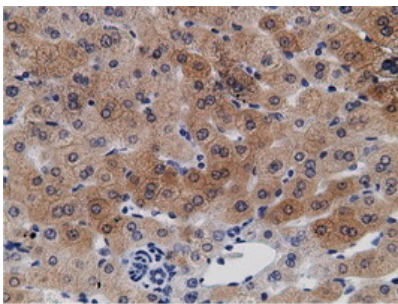
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-CRYM mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-CRYM mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

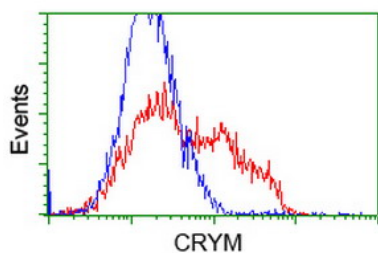


Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-CRYM mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

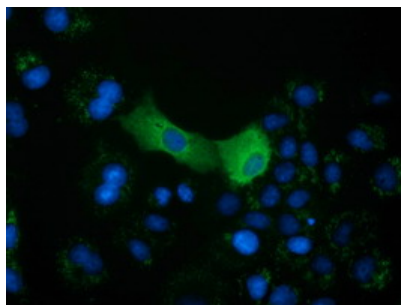


Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-CRYM mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

HEK293T cells transfected with either CRYM (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control



plasmid (Blue) were immunostained by anti-CRYM antibody (M05298)



Anti-CRYM mouse monoclonal antibody (M05298) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CRYM.

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