

Mouse CRYM Monoclonal Antibody | anti-CRYM antibody

CRYM antibody

CATALOG # AAA106379	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence
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PRODUCT SYNONYMS

CRYM; Monoclonal Antibody; CRYM antibody; Monoclonal CRYM; Anti-CRYM; Crystallin Mu; DFNA40; THBP; anti-CRYM antibody

PRODUCT SPECIFICATIONS

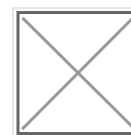
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	1B5
Purity/Purification	CRYM antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	314
Applicable Applications for anti-CRYM antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Biological Significance	Crystallins are separated into two classes: taxon-specific and ubiquitous. The former class is also called phylogenetically-restricted crystallins. The latter class constitutes the major proteins of vertebrate eye lens and maintains the transparency and refractive index of the lens. This gene encodes a taxon-specific crystallin protein that binds NADPH and has sequence similarity to bacterial ornithine cyclodeamin ases.
Cross-Reactivity	Human
Immunogen	CRYM antibody was raised in mouse using a full length recombinant protein of human CRYM (NP_001879) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of CRYM protein in paraffin embedded Human prostate tissue using CRYM antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CRYM protein (Right) or empty vector (Left) detected with CRYM antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CRYM antibody	Mouse monoclonal CRYM antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503065
NCBI GeneID	1428
NCBI Accession #	NP_001879
NCBI GenBank Nucleotide #	NM_001888.3
UniProt Accession #	Q14894; Q5HYB7; D5MNX0
Molecular Weight	33,776 Da
NCBI Official Full Name	ketimine reductase mu-crystallin
NCBI Official Synonym Full Names	crystallin, mu
NCBI Official Symbol	CRYM
NCBI Official Synonym Symbols	THBP; DFNA40
NCBI Protein Information	ketimine reductase mu-crystallin
UniProt Protein Name	Ketimine reductase mu-crystallin
UniProt Gene Name	CRYM
UniProt Synonym Gene Names	THBP
UniProt Entry Name	CRYM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.