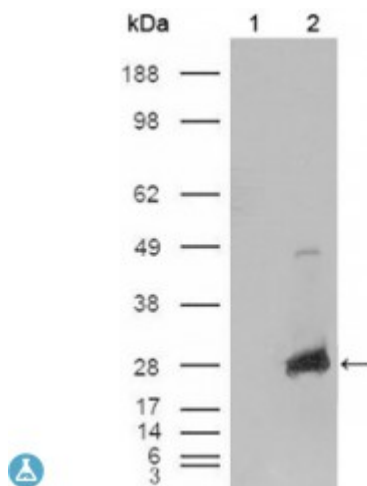


Anti-Crystallin-alpha antibody



Description	Mouse monoclonal to Crystallin-alphaB.
Model	STJ97971
Host	Mouse
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Purified recombinant fragment of Crystallin-alphaB (aa1-175) expressed in E. Coli.
Immunogen Region	1-175aa
Gene ID	1410
Gene Symbol	CRYAB
Dilution range	WB 1:500-1:2000IHC 1:200-1:1000ELISA 1:10000
Specificity	Crystallin-alphaB Monoclonal Antibody detects endogenous levels of Crystallin-alphaB protein.
Tissue Specificity	Lens as well as other tissues.
Purification	Affinity purification
Clone ID	1D11C6E6
Note	For Research Use Only (RUO).
Protein Name	Alpha-crystallin B chain Alpha B-crystallin Heat shock protein beta-5 HspB5 Renal carcinoma antigen NY-REN-27 Rosenthal fiber component
Clonality	Monoclonal

Conjugation	Unconjugated
Isotype	IgG2a
Formulation	Ascitic fluid containing 0.03% sodium azide.
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2389OMIM:123590
Alternative Names	Alpha-crystallin B chain Alpha B-crystallin Heat shock protein beta-5 HspB5 Renal carcinoma antigen NY-REN-27 Rosenthal fiber component
Function	May contribute to the transparency and refractive index of the lens. Has chaperone-like activity, preventing aggregation of various proteins under a wide range of stress conditions.
Cellular Localization	Cytoplasm Nucleus. Translocates to the nucleus during heat shock and resides in sub-nuclear structures known as SC35 speckles or nuclear splicing speckles.

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com