

# CRYAB Monoclonal Antibody (1A7.D5), PerCP

## Product Details

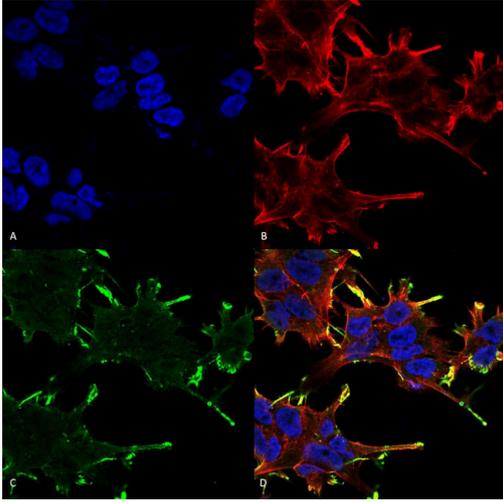
Size	200 µg
Species Reactivity	Bovine, Human, Pig, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	1A7.D5
Conjugate	PerCP
Excitation/Emission Max	482/675 nm
Immunogen	Native Alpha B Crystallin
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	47.35mM phosphate/2.15mM MES, pH 7.2, with 1.033mM EDTA
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
Western Blot (WB)	1:2,000	-
Immunocytochemistry (ICC/IF)	1:100	-
ELISA (ELISA)	Assay-dependent	-

## Product Specific Information

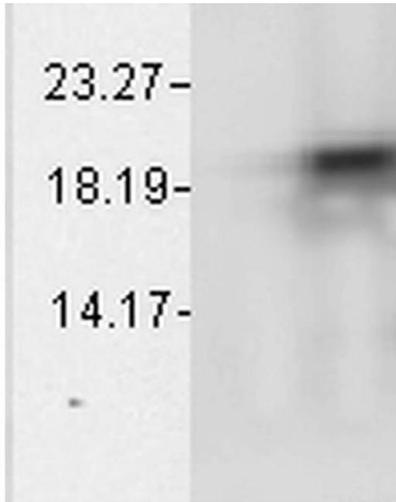
0.5 µg/mL of MA5-45200 was sufficient for detection of 50 ng purified alpha B crystalline by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. Detects approximately 20kDa (Predicted mol. weight is approximately 21kDa). Does not cross-react with alpha A-crystallin, beta L-crystallin, beta H-crystallin, gamma -crystallin, HSP25, HSP27 or HSP47 proteins.

## Product Images For CRYAB Monoclonal Antibody (1A7.D5), PerCP



### CRYAB Antibody (MA5-45200) in ICC/IF

Immunocytochemistry/Immunofluorescence analysis using human neuroblastoma cells. Fixation involved 4% Formaldehyde for 15 min at RT. Samples were incubated with Alpha B Crystallin monoclonal antibody (Product # MA5-45200) at 1:100 for 60 min at RT, followed by Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain used was Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1,000, 1:5,000 for 60 min RT, 5 min RT. Localization: Membrane. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Alpha B Crystallin antibody. (D) Composite.



### CRYAB Antibody (MA5-45200) in WB

Western Blot analysis of Bovine cell lysates showing detection of Alpha B Crystallin protein. Load: 15 µg. Blocking: 1.5% BSA for 30 minutes at RT. Samples were incubated with Alpha B Crystallin monoclonal antibody (Product # MA5-45200) at 1:50 for 2 hours at RT, followed by Sheep Anti-Mouse IgG: HRP for 1 hour at RT.

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