

CRYAB Monoclonal Antibody (1A7.D5), PerCP

Product Details

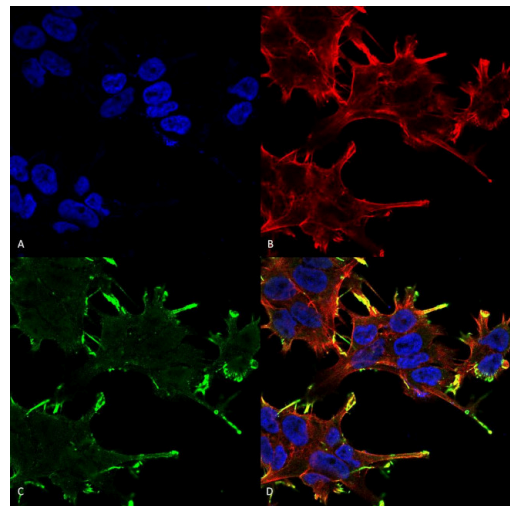
Size	200 µg
Species Reactivity	Bovine, Human, Pig, Rat
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	1A7.D5
Conjugate	PerCP
Excitation/Emission Max	482/675 nm
Immunogen	Native Alpha B Crystallin
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	47.35mM phosphate/2.15mM 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

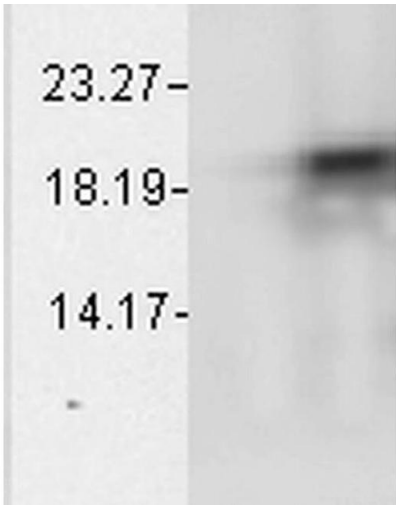
0.5 µg/mL of MA5-45200 was sufficient for detection of 50 ng purified alpha B crystalline by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. Detects approximately 20kDa (Predicted mol. weight is approximately 21kDa). Does not cross-react with alpha A-crystallin,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

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.