

Product Datasheet

AlphaB Crystallin/CRYAB Antibody (3A10.C9) - BSA Free NBP1-22410

Unit Size: 0.2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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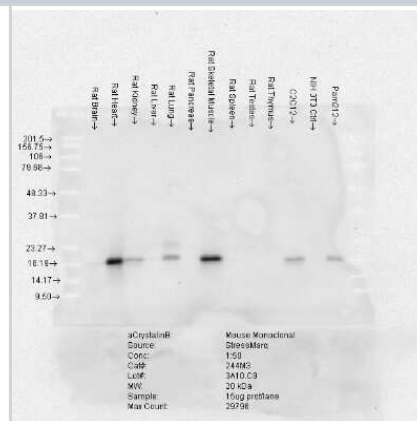
NBP1-22410

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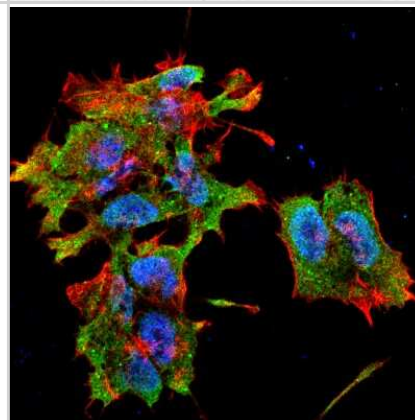
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3A10.C9
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.2), 50% Glycerol
Product Description	
Description	Novus Biologicals Mouse AlphaB Crystallin/CRYAB Antibody (3A10.C9) - BSA Free (NBP1-22410) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1410
Gene Symbol	CRYAB
Species	Human, Rat, Bovine
Specificity/Sensitivity	Detects approx 20kDa (predicted mol.weight is approx 21kDa). Does not cross-react with alpha A-crystallin, Beta L-crystallin, Beta H-crystallin, gamma-crystallin, HSP25, HSP27 or HSP47 proteins.
Immunogen	Native Alpha B Crystallin
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100
Application Notes	0.5 ug/ml of Alpha B Crystallin Antibody 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.

Images

Western Blot: AlphaB Crystallin/CRYAB Antibody (3A10.C9) [NBP1-22410] - analysis of Rat Brain, Heart, Kidney, Liver, Pancreas, Skeletal muscle, Spleen, Testes, Thymus cell lysates showing detection of Alpha B Crystallin protein using Mouse Anti-Alpha B Crystallin Monoclonal Antibody, Clone 3A10-C9 . Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-Alpha B Crystallin Monoclonal Antibody at 1:50 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Immunocytochemistry/Immunofluorescence: AlphaB Crystallin/CRYAB Antibody (3A10.C9) [NBP1-22410] - Tissue: Neuroblastoma cell line SK-N-BE. Species: Human. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-Alpha B Crystallin Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Magnification: 60X.





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Products Related to NBP1-22410

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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