

# Product Datasheet

## AlphaA Crystallin/CRYAA Antibody (c9F2) [Alexa Fluor® 700] NB120-14821AF700

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB120-14821AF700**

AlphaA Crystallin/CRYAA Antibody (c9F2) [Alexa Fluor® 700]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	c9F2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 700
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	1409
Gene Symbol	CRYAA
Species	Human
Reactivity Notes	Predicted cross-reactivities: Rat
Specificity/Sensitivity	NB120-14821 recognizes alpha A crystallin, a 20kDa water-soluble major structural protein and member of the heat shock protein family, designated HSPB4, which acts as a molecular chaperone and is believed to play a role in the maintenance of ocular lens transparency/refractive index. Besides the involvement of both alpha A and alpha B crystallin in the prevention of protein precipitation and cataract formation in the eye, alpha crystallins have also been demonstrated in other tissues including the heart, brain, kidney, spleen and thymus.
Immunogen	E. coli-derived recombinant protein corresponding to full-length (aa1-173) human crystallin alpha A



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<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot, ELISA
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **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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