

Product Datasheet

AlphaB Crystallin/CRYAB Antibody [Biotin] NB100-2520B

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-2520B

Updated 9/10/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-2520B



NB100-2520B

AlphaB Crystallin/CRYAB Antibody [Biotin]

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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Biotin
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	1410
Gene Symbol	CRYAB
Species	Human, Mouse
Reactivity Notes	Predicted to react with rat, sheep, rabbit, monkey, hamster, cow, and pig based on 100% sequence homology. Immunogen sequence has 92% homology to mouse. Mouse reactivity reported in scientific literature (PMID: 23586607).
Immunogen	A synthetic peptide made to a C-terminal region of the human Crystallin AB protein (within residues 100-175). [Swiss-Prot P02511]
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunocytochemistry/Immunofluorescence
Application Notes	This Crystallin AB antibody is useful for Western blot analysis, where a band is seen at ~20 kDa. There is also a band of greater intensity at ~40 kDa that may be an aggregated heteromeric complex. **CryAB aggregates with homologous proteins, including CryAA and the small heat shock protein HSP28, to form large heteromeric complexes. Use in ELISA, Flow Cytometry reported in scientific literature (PMID: 23586607).

Publications

Chauhan VS, Nelson DA, Marriott I, Bost KL. Alpha beta-crystallin expression and presentation following infection with murine gammaherpesvirus 68. Autoimmunity 2013-04-16 [PMID: 23586607] (ELISA, FACS, Mouse)

Details:

Using the Biotin conjugated version of NB100-2520, catalog number NB100-2520B.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-2520B

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

