[pSer^{45}]αB-Crystallin polyclonal antibody

Alpha-crystallins, which are part of the small Heat shock family members, are major water-soluble proteins present in the lens of the mammalian eye. Phosphorylation of serine residues which occurs during development and in response to stress, is intimately linked with its function. Chaperone activity requires, and is modulated by, oligomerization and is limited to binding unfolded intermediates to prevent irreversible aggregation.

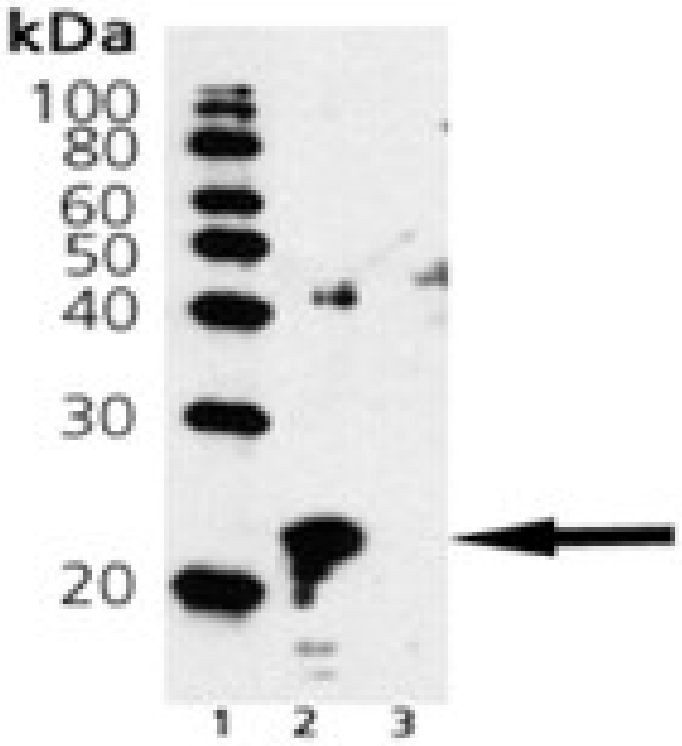
This antibody is covered by our Worry-Free Guarantee.

Citations: 5 View Online »

Ordering Information Order Online »

ADI-SPA-226-D	50µg

Manuals, SDS & CofA View Online »



Western blot analysis of Crystallin alpha-B (pSer45): Lane 1: MW marker, Lane 2: alpha-B1 Crystallin Protein (phospho), Lane 3: alpha-B2 Crystallin Protein (non-phospho)

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	CRYAB, HSPB5
Application	IP, WB
Application Notes	Detects a band of ~22kDa by Western blot.
Formulation	Liquid. In 0.1M sodium phosphate buffer, pH 7.0, containing 1.5% BSA and 0.1% sodium azide.
Host	Rabbit
Immunogen	Synthetic peptide corresponding to a portion of human αB-crystallin phosphorylated at Ser45.
Purity Detail	Affinity purified.
Recommendation Dilutions/Conditions	Western Blot (1:500, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from rabbit serum.
Species Reactivity	Bovine, Chicken, Dog, Guinea pig, Hamster, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Scallop, Xenopus
UniProt ID	P02511
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800 942 0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.