



# Anti-CRYAB monoclonal antibody, clone 4F4 (DCABH-619)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to Alpha B Crystallin
<b>Antigen Description</b>	May contribute to the transparency and refractive index of the lens.
<b>Immunogen</b>	Protein expressed in 293T cells transfected with Human Alpha B Crystallin expression vector.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	4F4
<b>Purification</b>	This antibody is purified from Mouse ascites fluid by affinity chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Positive Control</b>	HEK293T cells lysate transfected with pCMV6-ENTRY Alpha B Crystallin.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 1% BSA, 50% Glycerol, 48% PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	store at -20°C. Avoid repeated freeze / thaw cycles.

Ship

Shipped at 4°C.

## GENE INFORMATION

Gene Name	<a href="#">CRYAB crystallin, alpha B [ Homo sapiens ]</a>
Official Symbol	CRYAB
Synonyms	CRYAB; crystallin, alpha B; CRYA2; alpha-crystallin B chain; HSPB5; heat shock protein beta-5; rosenthal fiber component; heat-shock 20 kD like-protein; renal carcinoma antigen NY-REN-27; CTPP2;
Entrez Gene ID	<a href="#">1410</a>
Protein Refseq	<a href="#">NP_001876</a>
UniProt ID	<a href="#">P02511</a>
Chromosome Location	11q22.3-q23.1
Pathway	Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	protein binding; protein homodimerization activity; structural constituent of eye lens; unfolded protein binding;