

## Recombinant Crystallin Alpha B Antibody

Rabbit Monoclonal Antibody [Clone CRYAB/9802R]

| Catalog No       | Format                                       | Size   |
|------------------|--|--------|
| 1410-RBM21-P0    | Purified Ab with BSA and Azide at 200ug/ml   | 20 ug  |
| 1410-RBM21-P1    | Purified Ab with BSA and Azide at 200ug/ml   | 100 ug |
| 1410-RBM21-P1ABX | Purified Ab WITHOUT BSA or Azide at 1.0mg/ml | 100 ug |

| Applications               | Tested Dillution | Note  |
|----------------------------|------------------|---|
| Immunohistochemistry (IHC) | 1-2ug/ml         | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |
| Western Blot (WB)          | 2-4ug/ml         |   |

### Product Details

|                               |   |
|-------------------------------|---|
| <b>Clone</b>                  | CRYAB/9802R   |
| <b>Immunogen</b>              | Recombinant fragment of the human CRYAB protein (exact sequence is proprietary) |
| <b>Host</b>                   | Rabbit  |
| <b>Clonality</b>              | Monoclonal  |
| <b>Isotype / Light Chain</b>  | IgG / Kappa   |
| <b>Mol. Weight of Antigen</b> | 20.16kDa  |
| <b>Cellular Localization</b>  | Cytoplasm, Lysosome, Nucleus, Secreted  |
| <b>Species Reactivity</b>     | Human   |
| <b>Positive Control</b>       | Lens as well as other tissues (PubMed:2387586, PubMed:838078)                   |

\*Optimal dilution for a specific application should be determined.

### Product Images for Recombinant Crystallin Alpha B Antibody

#### Specificity & Comments

May contribute to the transparency and refractive index of the lens. Has chaperone-like activity, preventing aggregation of various proteins under a wide range of stress conditions. In lens epithelial cells, stabilizes the ATP6V1A protein, preventing its degradation by the proteasome (By similarity).

#### Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.