

ARG22215
anti-alpha A Crystallin antibody [1H3.B8]Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Mouse Monoclonal antibody [1H3.B8] recognizes alpha A Crystallin |
| Tested Reactivity | Hu, Ms, Rat, Bov |
| Tested Application | ELISA, ICC/IF, WB |
| Specificity | Detects ~20kDa. Does not cross-react with αB-crystallin, βL-crystallin, BH- crystallin, γ-crystallin, HSP25, HSP27 or HSP47 proteins. |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | 1H3.B8 |
| Isotype | IgG1 |
| Target Name | alpha A Crystallin |
| Species | Human |
| Immunogen | Native Alpha Crystallin |
| Conjugation | Un-conjugated |
| Alternate Names | CRYA1; HSPB4; CTRCT9 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | ELISA | Assay-dependent |
| | ICC/IF | 1:100 |
| | WB | 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

| | |
|---------------------|--|
| Form | Liquid |
| Purification | Purification with Protein G. |
| Buffer | PBS (pH 7.2), 0.09% Sodium azide and 50% Glycerol |
| Preservative | 0.09% Sodium azide |
| Stabilizer | 50% Glycerol |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw |

cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

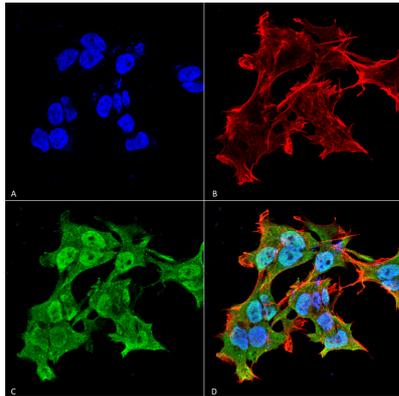
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

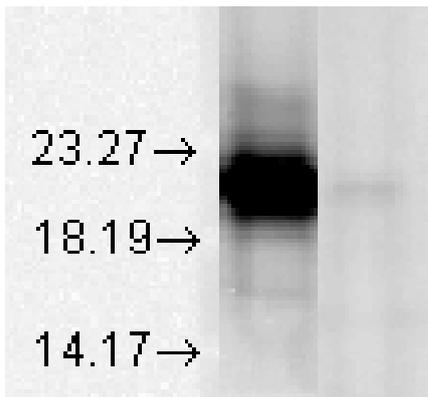
Database links

Images



ARG22215 anti-alpha A Crystallin antibody [1H3.B8] ICC/IF image

Immunofluorescence: Human Neuroblastoma cell line SK-N-BE. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: ARG22215 anti-alpha A Crystallin antibody [1H3.B8] at 1:100 for 60 min at RT. Secondary Antibody: Goat anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5000 for 60min RT, 5min RT. Magnification: 60X. (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) ARG22215 anti-alpha A Crystallin antibody [1H3.B8]. (D) Composite.



ARG22215 anti-alpha A Crystallin antibody [1H3.B8] WB image

Western blot: Bovine tissue lysate stained with ARG22215 anti-alpha A Crystallin antibody [1H3.B8] at 1:1000 dilution. This blot shows absolute specificity as Left: AlphaA Crystallin, Right: AlphaB Crystallin.