

Product datasheet

Anti-Ficolin 2 antibody [19] ab56225

Overview

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|----------------------------|---|
| Product name | Anti-Ficolin 2 antibody [19] |
| Description | Mouse monoclonal [19] to Ficolin 2 |
| Host species | Mouse |
| Specificity | ab56225 reacts specifically with L Ficolin (Ficolin 2). No cross reactivity is seen with M Ficolin (Ficolin 1) and H Ficolin (Ficolin 3). |
| Tested applications | Suitable for: IP, WB, ELISA |
| Species reactivity | Reacts with: Human |
| Immunogen | Purified procaryot expressed recombinant human Ficolin 2 and full-length Ficolin 2 protein |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| Storage buffer | Preservative: 15mM Sodium Azide Constituents: 0.5M Sodium chloride, 0.01M Phosphate buffer, pH 7.4 |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | 19 |
| Myeloma | Sp2 |
| Isotype | IgG2a |
| Light chain type | kappa |

Applications

Our [Abpromise guarantee](#) covers the use of **ab56225** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| IP | | Use at an assay dependent concentration. |

| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | | Use at an assay dependent concentration. Predicted molecular weight: 34 kDa. |
| ELISA | | 1/4000. |

Target

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|------------------------------|---|
| Function | May function in innate immunity through activation of the lectin complement pathway. Calcium-dependent and GlcNAc-binding lectin. Enhances phagocytosis of <i>S.typhimurium</i> by neutrophils, suggesting an opsonic effect via the collagen region. |
| Tissue specificity | Expressed by the liver and secreted in plasma. |
| Sequence similarities | Belongs to the ficolin lectin family. Contains 1 collagen-like domain. Contains 1 fibrinogen C-terminal domain. |
| Domain | The fibrinogen-like domain (FBG) contains potential calcium-binding sites that may be involved in carbohydrate binding. |
| Cellular localization | Secreted. |

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