**Product datasheet**

**Anti-Ficolin 2 antibody [19] ab56225**

### Overview

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

### Properties

<table>
<thead>
<tr>
<th>Form</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage instructions</td>
<td>Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.</td>
</tr>
</tbody>
</table>
| Storage buffer      | pH: 7.40  
Preservative: 0.097% Sodium azide  
Constituents: 2.9% Sodium chloride, 0.0268% PBS |
| 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. |
WB | Use at an assay dependent concentration. Predicted molecular weight: 34 kDa. |
ELISA | 1/4000. |

**Target**

**Function**
May function in innate immunity through activation of the lectin complement pathway. Calcium-dependent and GlcNAc-binding lectin. Enhances phagocytosis of S.typhimurium 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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