

## Product datasheet

# Anti-Ficolin 2 antibody [19] ab56225

### Overview

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

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 2.9% Sodium chloride, 0.0268% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	19
<b>Myeloma</b>	Sp2
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

### Applications

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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

<b>Function</b>	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.
<b>Tissue specificity</b>	Expressed by the liver and secreted in plasma.
<b>Sequence similarities</b>	Belongs to the ficolin lectin family. Contains 1 collagen-like domain. Contains 1 fibrinogen C-terminal domain.
<b>Domain</b>	The fibrinogen-like domain (FBG) contains potential calcium-binding sites that may be involved in carbohydrate binding.
<b>Cellular localization</b>	Secreted.

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