

# Anti-Ficolin 2 antibody [EPR23146-225] - BSA and Azide free ab270404

Recombinant RabMAb

2 Images

### Overview

<b>Product name</b>	Anti-Ficolin 2 antibody [EPR23146-225] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR23146-225] to Ficolin 2 - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IP, WB <b>Unsuitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: Human plasma; human liver lysate; Human Ficolin-2 recombinant protein (aa26- 313). IP: Human plasma.
<b>General notes</b>	<p>ab270404 is the carrier-free version of <a href="#">ab267473</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

## Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR23146-225
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab270404 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

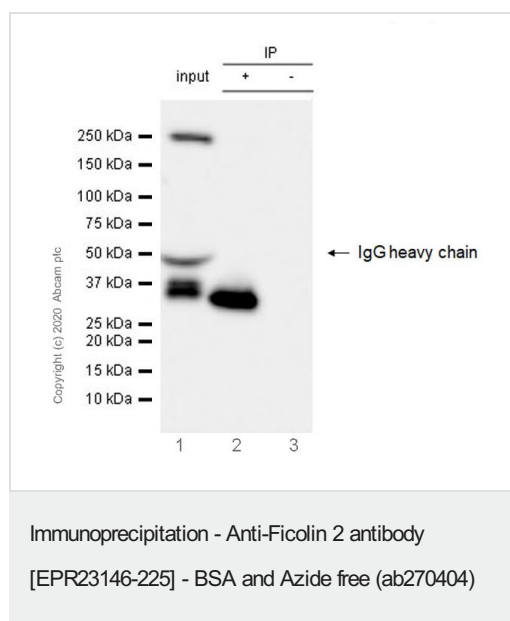
Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 35, 400 kDa (predicted molecular weight: 34 kDa).

**Application notes** Is unsuitable for IHC-P.

## 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 S.typhimurium 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.

## Images



Ficolin 2 was immunoprecipitated from 0.35 mg Human plasma with **ab267473** at 1/30 dilution. Western blot was performed on the immunoprecipitate using **ab267473** at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP(**ab131366**)) was used at 1/5000 dilution.

**Lane 1:** Human plasma lysate 10 µg.

**Lane 2:** **ab267473** IP in Human plasma.

**Lane 3:** Rabbit monoclonal IgG isotype control (**ab172730**) instead of **ab267473** in Human plasma.

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 7.75 seconds

Ficolin 2 has a high molecular weight (250 kDa) due to extensive disulfide bridge formation (PMID: 16595153).

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (abXXX).

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-Ficolin 2 antibody [EPR23146-225] - BSA and Azide free (ab270404)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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