

## Product datasheet

### Anti-MFRP antibody [EPR11616] ab176574

Recombinant RabMAb

2 Images

#### Overview

<b>Product name</b>	Anti-MFRP antibody [EPR11616]
<b>Description</b>	Rabbit monoclonal [EPR11616] to MFRP
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> ICC/IF, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Does not react with:</b> Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human MFRP aa 200-300 (internal sequence). The exact sequence is proprietary. Database link: <a href="#">Q9BY79</a>
<b>Positive control</b>	Human fetal brain tissue lysate.
<b>General notes</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR11616
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab176574 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
WB		1/1000 - 1/10000. Predicted molecular weight: 62 kDa.

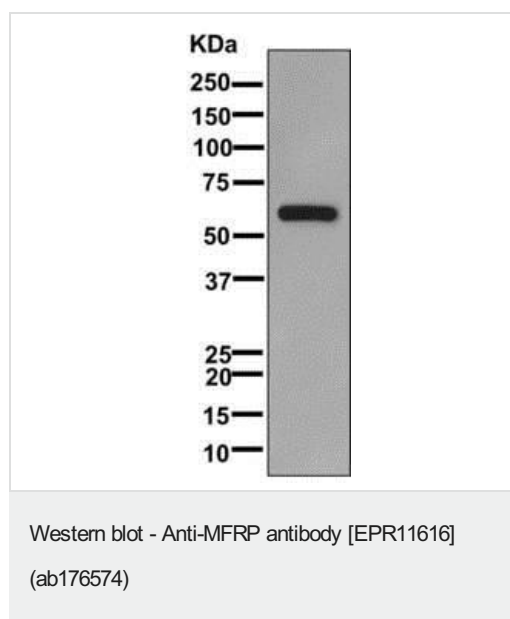
**Application notes** Is unsuitable for ICC/IF, IHC-P or IP.

## Target

**Relevance** Membrane frizzled-related protein, MFRP, may have a role in eye development and may be necessary for photoreceptor maintenance. Mutations of membrane-type frizzled-related protein are associated with inherited retinal degenerations including syndromic forms of microphthalmos/retinal degeneration, a rare autosomal recessive disorder of eye development characterized by extreme hyperopia and small functional eyes, posterior microphthalmia with retinitis pigmentosa, foveoschisis, and optic disk drusen.

**Cellular localization** Cell Membrane; single-pass type II membrane protein

## Images



Anti-MFRP antibody [EPR11616] (ab176574) at 1/1000 dilution + Human fetal brain tissue lysate at 10 µg

### Secondary

Goat anti-rabbit HRP at 1/2000 dilution

Developed using the ECL technique.

**Predicted band size:** 62 kDa

### 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-MFRP antibody [EPR11616] (ab176574)

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

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