

## Product datasheet

### Anti-ART3 antibody [EPR7220(2)] - C-terminal ab192870

Recombinant RabMAb

[1 References](#) [4 Images](#)

#### Overview

<b>Product name</b>	Anti-ART3 antibody [EPR7220(2)] - C-terminal
<b>Description</b>	Rabbit monoclonal [EPR7220(2)] to ART3 - C-terminal
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Human testis tissue; Human testis lysate
<b>General notes</b>	<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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR7220(2)
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab192870 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. Detects a band of approximately 41, 44 kDa (predicted molecular weight: 44 kDa).
IHC-P		1/250 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
IP		1/20.

## Target

### Tissue specificity

Testis specific.

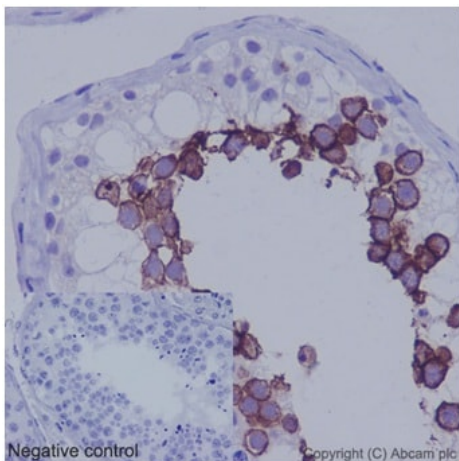
### Sequence similarities

Belongs to the Arg-specific ADP-ribosyltransferase family.

### Cellular localization

Cell membrane.

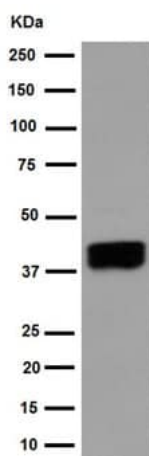
## Images



Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling ART3 using ab192870 at 1/500 dilution (0.6 µg/ml). A prediluted HRP Polymer for Rabbit IgG was used as secondary. Counterstain: Hematoxylin. Negative control also shown.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ART3 antibody [EPR7220(2)] - C-terminal (ab192870)



Western blot - Anti-ART3 antibody [EPR7220(2)] - C-terminal (ab192870)

Anti-ART3 antibody [EPR7220(2)] - C-terminal (ab192870) at 1/10000 dilution + Human testis tissue lysate at 20 µg

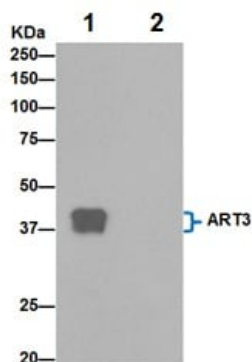
### Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1000 dilution

**Predicted band size:** 44 kDa

**Observed band size:** 44 kDa

**Additional bands at:** 41 kDa (possible mature (processed) protein)



Immunoprecipitation - Anti-ART3 antibody [EPR7220(2)] - C-terminal (ab192870)

Immunoprecipitation analysis of Human testis lysate labeling ART3 using ab192870 at 1/20 dilution (Lane 1). PBS negative control (Lane 2). Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 was used as the secondary antibody

Note: The band observed at 41 kDa may be due to the removal of a 27 amino acid propeptide (mature form).

### 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-ART3 antibody [EPR7220(2)] - C-terminal  
(ab192870)

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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