


## Product datasheet

### Anti-MEST antibody [EPR6970(2)] ab151564

Recombinant RabMAb

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#### Overview

Product name	Anti-MEST antibody [EPR6970(2)]
Description	Rabbit monoclonal [EPR6970(2)] to MEST
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> ICC/IF, IHC-P or IP
Species reactivity	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat 
Immunogen	Synthetic peptide within Human MEST aa 300-400 (C terminal). The exact sequence is proprietary.
Positive control	Human placenta and Human fetal kidney lysates.
General notes	<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

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

**Clone number** EPR6970(2)  
**Isotype** IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab151564 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: 38 kDa.

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

## Target

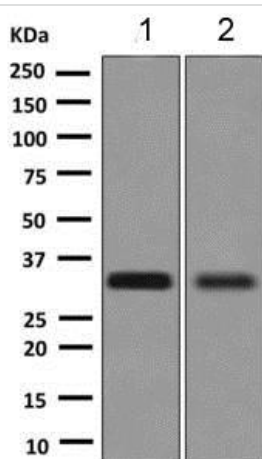
**Tissue specificity** Highly expressed in hydatidiform moles, but barely expressed in dermoid cysts. Biallelic expression is detected in blood lymphocytes. Seems to be imprinted in an isoform-specific manner rather than in a tissue-specific manner in lymphocytes. Isoform 1 is expressed only from the paternal allele. Isoform 2 is expressed from both the paternal allele and the maternal allele.

**Sequence similarities** Belongs to the AB hydrolase superfamily.

**Developmental stage** Monoallelic expression of paternally derived allele was observed in all fetal tissues examined, including brain, skeletal muscle, kidney, adrenal, tongue, heart, skin and placenta. In 75-day fetus, expressed in the amnion, brain, heart, lung, stomach, gut, adrenal, kidney, muscle and liver.

**Cellular localization** Endoplasmic reticulum membrane.

## Images



Western blot - Anti-MEST antibody [EPR6970(2)]  
(ab151564)

**All lanes** : Anti-MEST antibody [EPR6970(2)] (ab151564) at  
1/1000 dilution

**Lane 1** : Human placenta lysate

**Lane 2** : Human fetal kidney lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat anti-rabbit HRP at 1/2000 dilution

**Predicted band size:** 38 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-MEST antibody [EPR6970(2)] (ab151564)

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

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