

## Product datasheet

### Anti-NUDT19 antibody [EPR13162-63] ab180166

Recombinant RabMAb

5 Images

#### Overview

<b>Product name</b>	Anti-NUDT19 antibody [EPR13162-63]
<b>Description</b>	Rabbit monoclonal [EPR13162-63] to NUDT19
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, IHC-P, WB <b>Unsuitable for:</b> Flow Cyt or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment within Human NUDT19. The exact sequence is proprietary. Database link: <a href="#">A8MXV4</a>
<b>Positive control</b>	Human heart and kidney tissues. K562, 293T, Human ovary and Human spleen lysates.
<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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</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>	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>	Protein A purified

Clonality	Monoclonal
Clone number	EPR13162-63
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab180166 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
ICC/IF		1/100 - 1/250.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
WB		1/1000 - 1/10000. Predicted molecular weight: 42 kDa.

**Application notes** Is unsuitable for Flow Cyt or IP.

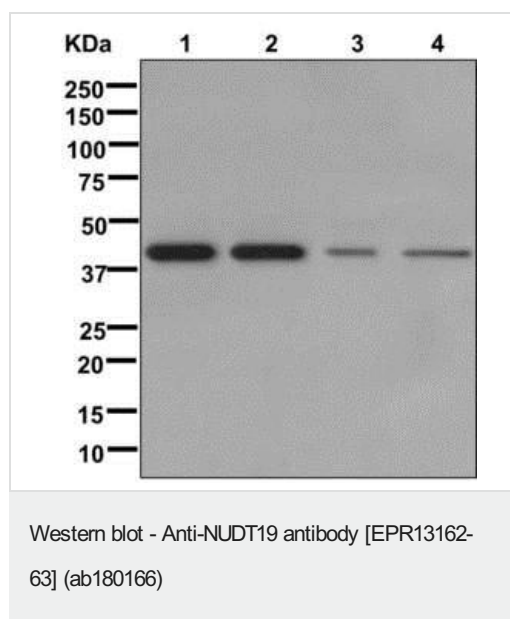
## Target

**Function** Coenzyme A diphosphatase that mediates the hydrolysis of a wide range of CoA esters, including choloyl-CoA and branched-chain fatty-acyl-CoA esters. At low substrate concentrations medium and long-chain fatty-acyl-CoA esters are the primary substrates.

**Sequence similarities** Belongs to the Nudix hydrolase family.  
Contains 1 nudix hydrolase domain.

**Cellular localization** Peroxisome. Mitochondrion.

## Images



**All lanes** : Anti-NUDT19 antibody [EPR13162-63] (ab180166) at 1/1000 dilution

**Lane 1** : K562 cell lysate

**Lane 2** : 293T cell lysate

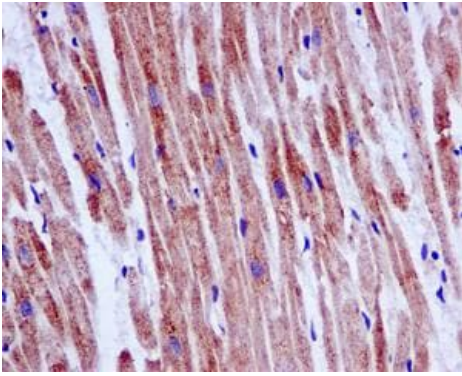
**Lane 3** : Human ovary tissue lysate

**Lane 4** : Human spleen tissue lysate

Lysates/proteins at 10 µg per lane.

Developed using the ECL technique.

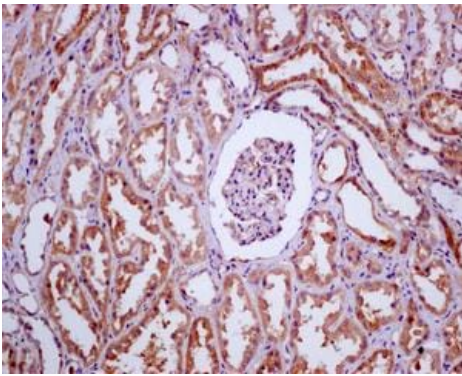
**Predicted band size:** 42 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUDT19 antibody [EPR13162-63] (ab180166)

Immunohistochemical analysis of paraffin-embedded Human heart tissue labeling NUDT19 using ab180166 at 1/50.

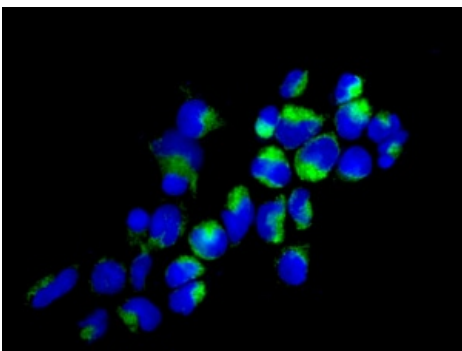
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-NUDT19 antibody [EPR13162-63] (ab180166)

Immunohistochemical analysis of paraffin-embedded Human kidney tissue labeling NUDT19 using ab180166 at 1/50.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-NUDT19 antibody [EPR13162-63] (ab180166)

Immunofluorescence analysis of 293T cells labeling NUDT19 using ab180166 at 1/100 (green). DAPI nuclear staining (blue).

### 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-NUDT19 antibody [EPR13162-63] (ab180166)

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

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