

# Anti-PHLDA1 antibody [EPR6674] - BSA and Azide free ab240076

Recombinant RabMAb

4 Images

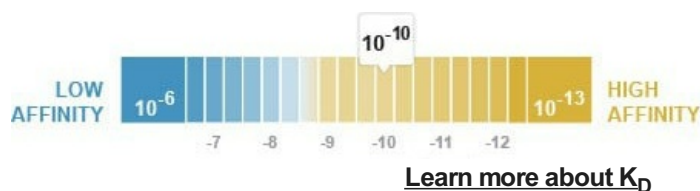
### Overview

Product name	Anti-PHLDA1 antibody [EPR6674] - BSA and Azide free
Description	Rabbit monoclonal [EPR6674] to PHLDA1 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> ICC/IF, WB, IHC-P <b>Unsuitable for:</b> Flow Cyt or IP
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab240076 is the carrier-free version of <a href="#">ab133654</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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with</p>

these species. Please contact us for more information.

## Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Dissociation constant ( $K_D$ )	$K_D = 3.35 \times 10^{-10} \text{ M}$



Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR6674
Isotype	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab240076 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		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 45 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Application notes	Is unsuitable for Flow Cyt or IP.
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## Target

Function	Seems to be involved in regulation of apoptosis. May be involved in detachment-mediated programmed cell death. May mediate apoptosis during neuronal development. May be involved in regulation of anti-apoptotic effects of IGF1. May be involved in translational regulation.
Tissue specificity	Widely expressed with highest levels in pancreas. Strongly expressed by benign melanocytic nevi, and progressively reduced expressed in primary and metastatic melanomas (at protein level).

**Sequence similarities**

Contains 1 PH domain.

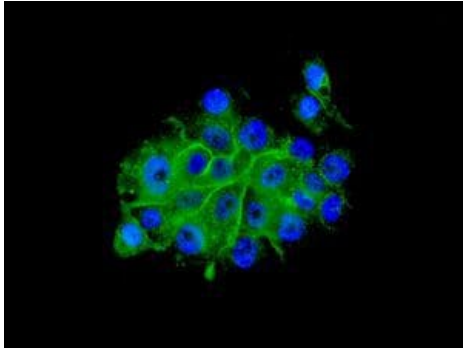
**Cellular localization**

Cytoplasm. Cytoplasmic vesicle. Nucleus, nucleolus. Colocalizes with intracellular vesicles.

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**Images**

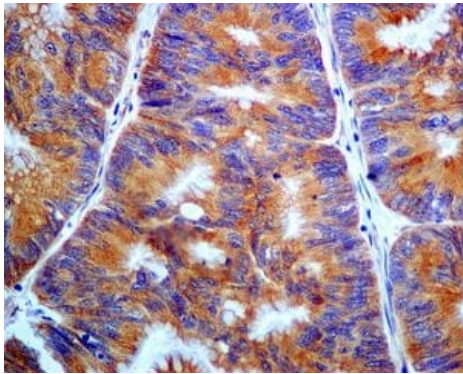
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Immunocytochemistry/ Immunofluorescence - Anti-PHLDA1 antibody [EPR6674] - BSA and Azide free (ab240076)

Immunocytochemical analysis of PHLDA1 in BxPC3 cells labelled with **ab133654** at a 1/100 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab133654**).

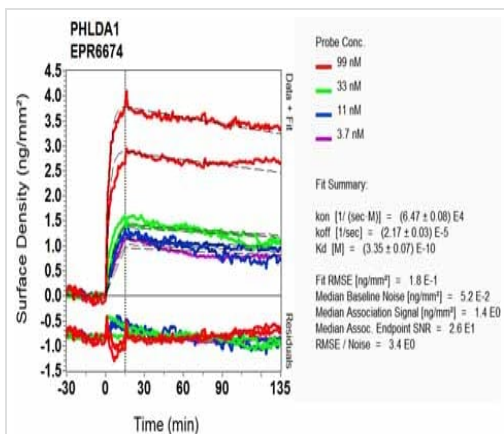


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PHLDA1 antibody [EPR6674] - BSA and Azide free (ab240076)

Immunohistochemical analysis of PHLDA1 in paraffin embedded Human colon carcinoma tissue labelled with **ab133654** at a 1/50 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab133654**).

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



SPR Scanning - Anti-PHLDA1 antibody [EPR6674]  
 - BSA and Azide free (ab240076)

Equilibrium dissociation constant ( $K_D$ )

Learn more about  $K_D$

**[Click here to learn more about  \$K\_D\$](#)**

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**[ab133654](#)**).

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-PHLDA1 antibody [EPR6674] - BSA and Azide  
 free (ab240076)

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

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