

# Anti-ID4 antibody [EPR22323-36] - BSA and Azide free ab273062

Recombinant RabMAb

[2 Images](#)

### Overview

<b>Product name</b>	Anti-ID4 antibody [EPR22323-36] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR22323-36] to ID4 - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-Fr, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: Human testis and ovary tissue lysates; Mouse testis and ovary tissue lysates; Rat testis and ovary tissue lysates; 3T3-L1, NIH/3T3, 293T and F9 whole cell lysates.
<b>General notes</b>	<p>ab273062 is the carrier-free version of <a href="#">ab220166</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>

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR22323-36
<b>Isotype</b>	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab273062 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
<b>WB</b>		Use at an assay dependent concentration. Predicted molecular weight: 17 kDa.

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

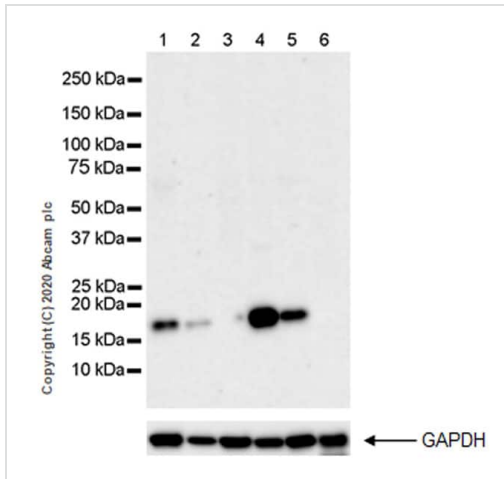
## Target

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<b>Function</b>	ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding.
<b>Sequence similarities</b>	Contains 1 basic helix-loop-helix (bHLH) domain.
<b>Cellular localization</b>	Nucleus.

## Images

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Western blot - Anti-ID4 antibody [EPR22323-36] - BSA and Azide free (ab273062)

**All lanes** : Anti-ID4 antibody [EPR22323-36] ([ab220166](#)) at 1/1000 dilution

**Lane 1** : Human testis tissue lysate

**Lane 2** : Human ovary tissue lysate

**Lane 3** : Human liver tissue lysate

**Lane 4** : Mouse testis tissue lysate

**Lane 5** : Mouse ovary tissue lysate

**Lane 6** : Mouse liver tissue lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

**Predicted band size:** 17 kDa

**Observed band size:** 17 kDa

Blocking and diluting buffer and concentration: 5% NFDm/TBST.

**Negative control:** liver (PMID:8139914).

Exposure time: 3 minutes.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, glycerol, BSA and sodium azide ([ab220166](#)).

### 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

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

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