

Product datasheet

Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free ab250317

Recombinant RabMAb

8 Images

Overview

Product name	Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free
Description	Rabbit monoclonal [EPR12960] to BRD1/BRL - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: IP, IHC-P, WB Unsuitable for: ICC/IF
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: K-562 and Raji cell lysate; IHC-P: Human testis and lung carcinoma tissue, Mouse testis tissue and Rat testis tissue. IP: K-562 whole cell lysate, Mouse testis tissue lysate
General notes	<p>ab250317 is the carrier-free version of ab181060.</p> <p>Our carrier-free 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 conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <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[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] 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">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR12960
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab250317 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

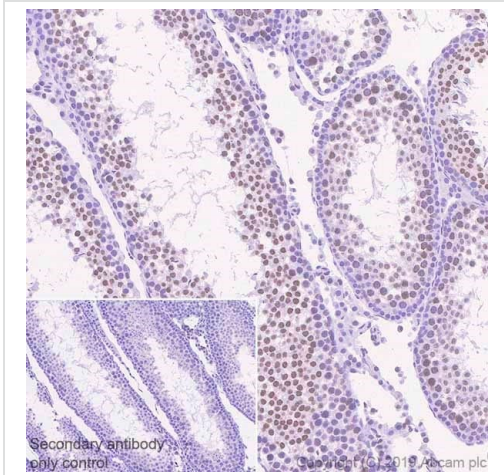
Application	Abreviews	Notes
IP		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Predicted molecular weight: 120 kDa.

Application notes Is unsuitable for ICC/IF.

Target

Function	Component of the MOZ/MORF complex which has a histone H3 acetyltransferase activity.
Tissue specificity	Highly expressed in testis.
Sequence similarities	Contains 1 bromo domain. Contains 1 PHD-type zinc finger. Contains 1 PWWP domain.
Cellular localization	Nucleus.

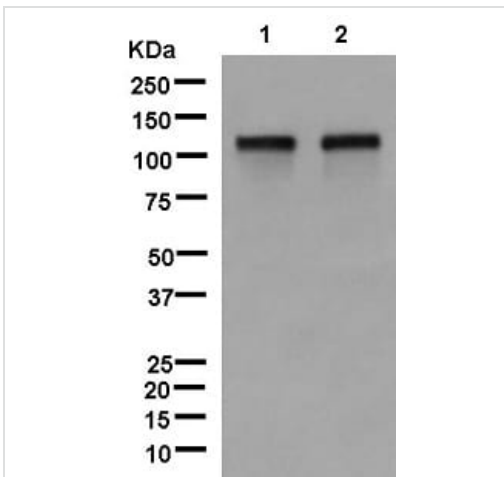
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free (ab250317)

This data was developed using **ab181060**, the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Rat testis tissue labeling BRD1/BRL with **ab181060** at 1/200 dilution (3.46 µg/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Nuclear staining on rat testis (PMID: 10602503). The section was incubated with **ab181060** for 10 mins at RT. The immunostaining was performed on a Leica Biosystems BOND[®] RX instrument. Counterstained with Hematoxylin. Heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 10mins. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).



Western blot - Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free (ab250317)

All lanes : Anti-BRD1/BRL antibody [EPR12960] (**ab181060**) at 1/2000 dilution

Lane 1 : K-562 (human chronic myelogenous leukemia lymphoblast) whole cell lysate

Lane 2 : Raji cell lysate

Lysates/proteins at 20 µg per lane.

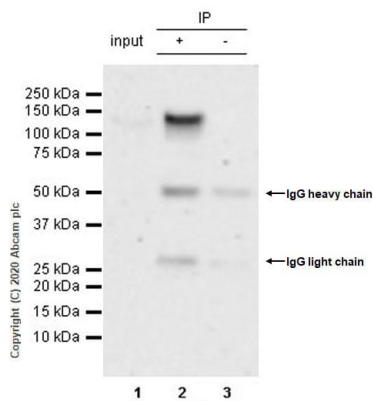
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 120 kDa

This data was developed using **ab181060**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFD/MTBST.



Immunoprecipitation - Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free (ab250317)

ab181060 at 1/30 dilution (2µg in 0.35mg lysates) immunoprecipitating BRD1/BRL in K-562 (human chronic myelogenous leukemia lymphoblast) whole cell lysate.

Lane 1 (input): K-562 whole cell lysate (10µg)

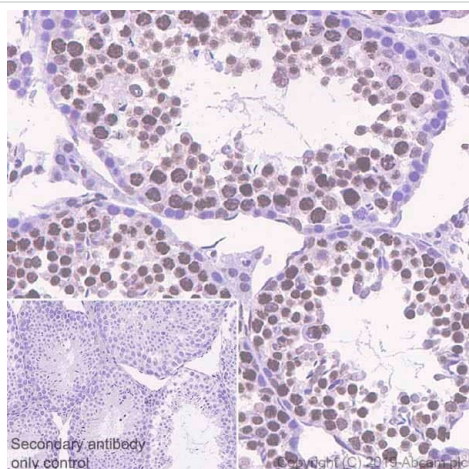
Lane 2 (+): **ab181060** + K-562 whole cell lysate

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of **ab181060** in K-562 whole cell lysate

For western blotting, **ab181060** at 1/1000 dilution (0.691 µg/mL) followed by VeriBlot for IP (HRP) (**ab131366**) was used for detection (1/5000).

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

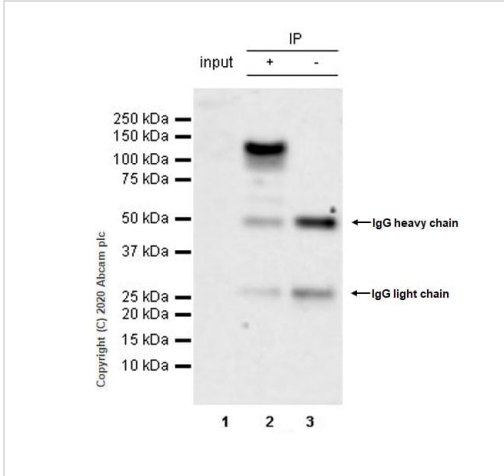
This data was developed using **ab181060**, the same antibody clone in a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free (ab250317)

This data was developed using **ab181060**, the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Mouse testis tissue labeling BRD1/BRL with **ab181060** at 1/200 dilution (3.46 µg/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Nuclear staining on mouse testis (PMID: 10602503). The section was incubated with **ab181060** for 10 mins at RT. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin. Heat mediated antigen retrieval with sodium citrate buffer (pH 6.0, epitope retrieval solution 1) for 10mins. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).



Immunoprecipitation - Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free (ab250317)

ab181060 at 1/30 dilution (2µg in 0.35mg lysates)

immunoprecipitating BRD1/BRL in mouse testis tissue lysate.

Lane 1 (input): Mouse testis tissue lysate (10µg)

Lane 2 (+): **ab181060** + Mouse testis tissue lysate

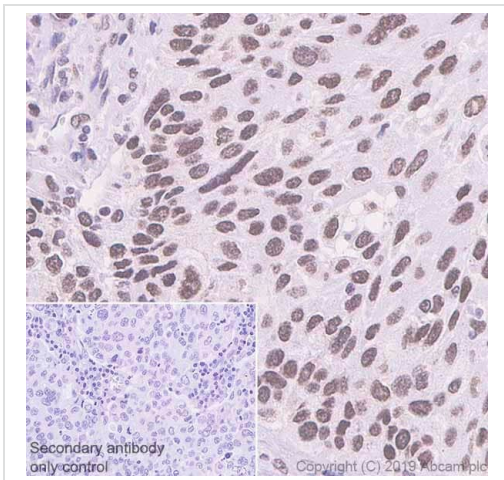
Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of

ab181060 in mouse testis tissue lysate

For western blotting, **ab181060** at 1/1000 dilution (0.691 µg/mL) followed by VeriBlot for IP (HRP) (**ab131366**) was used for detection (1/5000).

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

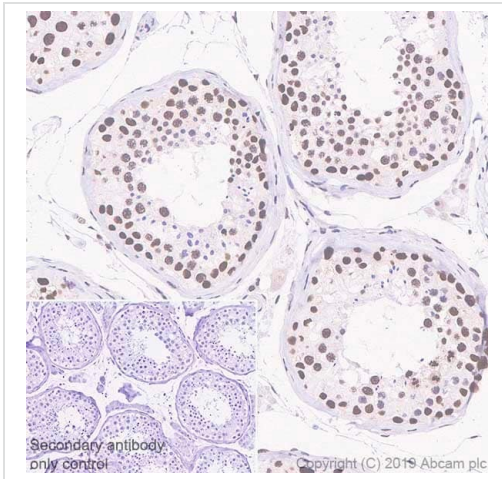
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free (ab250317)

This data was developed using **ab181060**, the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human lung carcinoma tissue labeling BRD1/BRL with **ab181060** at 1/200 dilution (3.46 µg/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Nuclear staining on human lung carcinoma. The section was incubated with **ab181060** for 30 mins at RT. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).







Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free (ab250317)

This data was developed using **ab181060**, the same antibody clone in a different buffer formulation.

Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling BRD1/BRL with **ab181060** at 1/200 dilution (3.46 µg/ml) followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). Nuclear staining on human testis (PMID: 10602503). The section was incubated with **ab181060** for 30 mins at RT. The immunostaining was performed on a Leica Biosystems BOND® RX instrument. Counterstained with Hematoxylin. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 20 mins. Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**).

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

Anti-BRD1/BRL antibody [EPR12960] - BSA and Azide free (ab250317)

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