

## Product datasheet

### Anti-BBS2 antibody [EPR13183] $\alpha$ b181134

Recombinant RabMAb

5 Images

#### Overview

Product name	Anti-BBS2 antibody [EPR13183]
Description	Rabbit monoclonal [EPR13183] to BBS2
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB, IHC-P
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
Positive control	NTERA2/D1, NCCIT, MCF-7 and HeLa whole cell lysate ( <a href="#">ab150035</a> ); Human endometrial carcinoma, retina and thyroid gland tissues.
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 +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	<p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR13183
Isotype	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab181134 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. Detects a band of approximately 80 kDa (predicted molecular weight: 80 kDa).
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

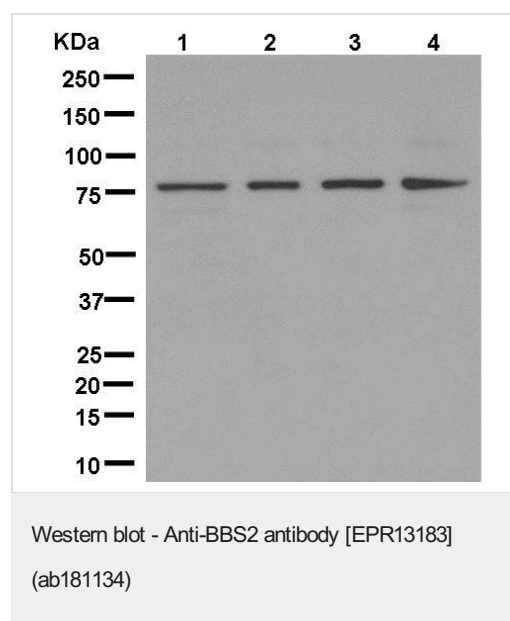
### Relevance

Defects in BBS2 are the cause of Bardet-Biedl syndrome type 2. Bardet-Biedl syndrome is a genetically heterogeneous, autosomal recessive disorder characterized by usually severe pigmentary retinopathy, early onset obesity, polydactyly, hypogenitalism, renal malformation and mental retardation.

### Cellular localization

Cytoplasmic

## Images



**All lanes** : Anti-BBS2 antibody [EPR13183] (ab181134) at 1/10000 dilution

**Lane 1** : NTERA2/D1 cell lysate

**Lane 2** : NCCIT cell lysate

**Lane 3** : MCF-7 cell lysate

**Lane 4** : HeLa cell lysate

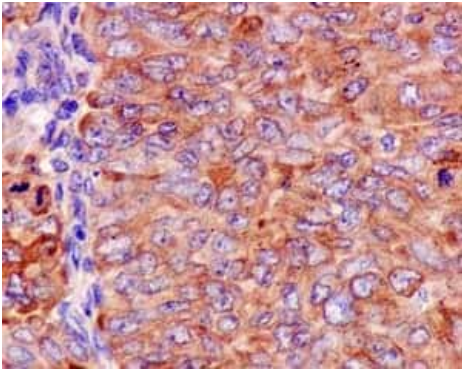
Lysates/proteins at 20 µg per lane.

### Secondary

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

**Predicted band size:** 80 kDa

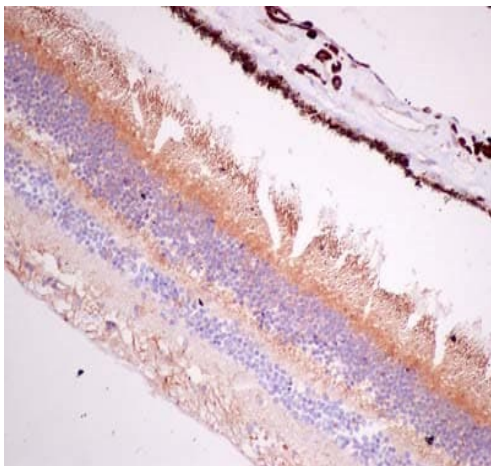
**Observed band size:** 80 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BBS2 antibody [EPR13183] (ab181134)

Immunohistochemical analysis of paraffin-embedded Human endometrial carcinoma tissue labeling BBS2 with ab181134 at 1/100 dilution, followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with Hematoxylin.

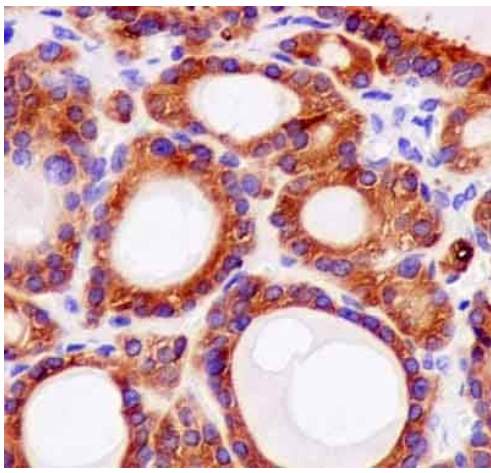
Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BBS2 antibody [EPR13183] (ab181134)

Immunohistochemical analysis of paraffin-embedded Human retina tissue labeling BBS2 with ab181134 at 1/100 dilution, followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with Hematoxylin.

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



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BBS2 antibody  
[EPR13183] (ab181134)

Immunohistochemical analysis of paraffin-embedded Human thyroid gland tissue labeling BBS2 with ab181134 at 1/100 dilution, followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with Hematoxylin.

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

#### 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-BBS2 antibody [EPR13183] (ab181134)

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

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- Extensive multi-media technical resources to help you
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