

## Product datasheet

# Anti-CTAG1B antibody [EPR13780] ab183740

Recombinant RabMAb

★★★★☆ [1 Abreviews](#) [4 Images](#)

### Overview

<b>Product name</b>	Anti-CTAG1B antibody [EPR13780]
<b>Description</b>	Rabbit monoclonal [EPR13780] to CTAG1B
<b>Host species</b>	Rabbit
<b>Specificity</b>	The immunogen used for this product shares 85% homology with CTAG2/LAGE1. Cross-reactivity with this protein has not been confirmed experimentally.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant full length protein. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	IHC-P: Human melanoma and testis tissue.
<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>

### 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: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR13780

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab183740 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
IHC-P	★★★★★ (1)	1/2000 - 1/4000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

## Target

### Tissue specificity

Expressed in testis and ovary and in a wide variety of cancers. Detected in uterine myometrium. Expressed from 18 weeks until birth in human fetal testis. In the adult testis, is strongly expressed in spermatogonia and in primary spermatocytes, but not in post-meiotic cells or in testicular somatic cells (at protein level).

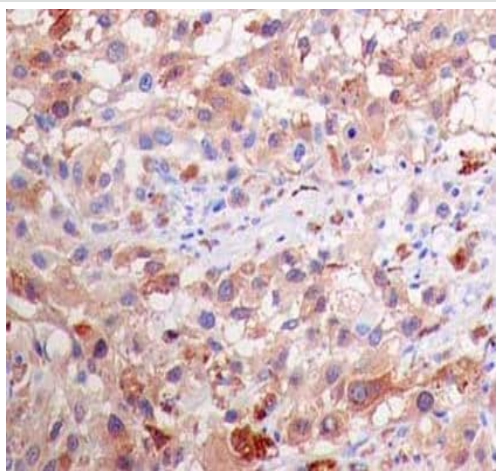
### Sequence similarities

Belongs to the CTAG family.

### Cellular localization

Cytoplasm.

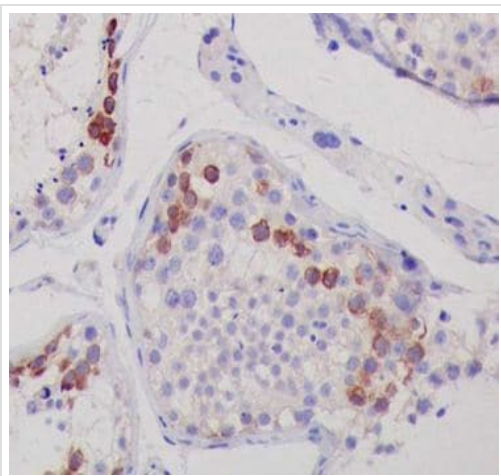
## Images



Immunohistochemical analysis of paraffin-embedded Human melanoma tissue labeling CTAG1B with ab183740 at 1/4000 dilution. The slide is counterstained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTAG1B antibody [EPR13780] (ab183740)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTAG1B antibody [EPR13780] (ab183740)

Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling CTAG1B with ab183740 at 1/4000 dilution. The slide is counterstained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

Tissue Microarray (TMA) data for ab183740					
Normal tissue samples			Malignant tissue samples		
Human cardiac muscle	x	Human placenta	x	Clear cell carcinoma of human kidney	x
Human cerebrum	x	Human skeletal muscle	x	Human bladder cancer	x
Human colon	x	Human skin	x	Human breast carcinoma	x
Human endometrium	x	Human spleen	x	Human cervical carcinoma	x
Human kidney	x	Human stomach	x	Human colon carcinoma	x
Human liver	x	Human testis	✓	Human endometrial carcinoma	x
Human lung	x	Human thyroid	x	Human gastric adenocarcinoma	x
Human mammary gland	x	Human tonsil	x	Human glioma	x
Human pancreas	x			Human hepatocellular carcinoma	x
				Human lung carcinoma	x
				Human melanoma	✓
				Human ovarian carcinoma	x
				Human pancreatic carcinoma	x
				Human prostatic hyperplasia	x
				Human thyroid carcinoma	x

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CTAG1B antibody [EPR13780] (ab183740)

Tissue Microarrays stained for "Anti-CTAG1B antibody [EPR13780]" using "ab183740" in immunohistochemical analysis.

This table provides a detailed overview of positive (tick mark) and negative (cross mark) staining per sample type tested. The sections were pre-treated using Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0) for 20 minutes. The sections were incubated with ab183740 for 10 mins at room temperature followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (ab209101). The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

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-CTAG1B antibody [EPR13780] (ab183740)

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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