

## Product datasheet

### Anti-BTF antibody [EPR9980(2)] ab181240

Recombinant **RabMAb**

[3 References](#) [10 Images](#)

#### Overview

<b>Product name</b>	Anti-BTF antibody [EPR9980(2)]
<b>Description</b>	Rabbit monoclonal [EPR9980(2)] to BTF
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: K562, RAW64.7, PC-12, Jurkat and MCF-7 whole cell lysates ICC/IF: HepG2 and MCF-7 cells IHC-P: Human colon, gastric cancer and ovarian cancer, mouse testis, and rat liver 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>	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>	EPR9980(2)
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab181240 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>		1/10000 - 1/50000. Detects a band of approximately 150 kDa (predicted molecular weight: 106 kDa).
<b>IHC-P</b>		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See <b><u>IHC antigen retrieval protocols</u></b> . <b>For unpurified use at 1/100</b>
<b>ICC/IF</b>		1/1000. <b>For unpurified use at 1/500</b>

## Target

### Function

Death-promoting transcriptional repressor.

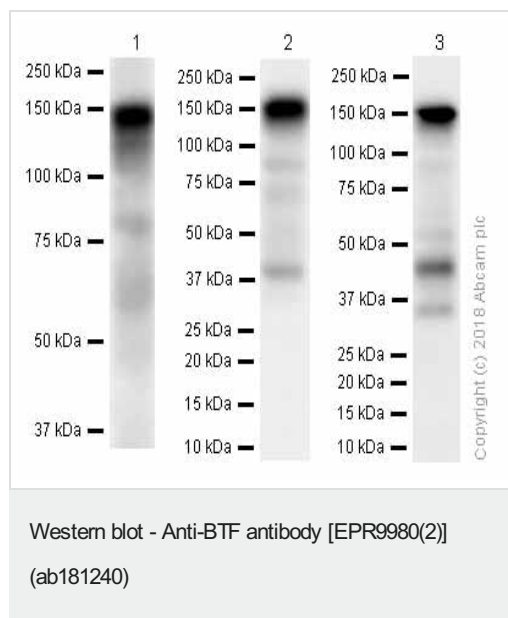
### Tissue specificity

Ubiquitous.

### Cellular localization

Cytoplasm. Nucleus.

## Images



**All lanes :** Anti-BTF antibody [EPR9980(2)] (ab181240) at 1.5 µg/ml (purified)

**Lane 1 :** K562 (Human chronic myelogenous leukemia lymphoblast) whole cell lysates

**Lane 2 :** RAW64.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysates

**Lane 3 :** PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysates

Lysates/proteins at 15 µg per lane.

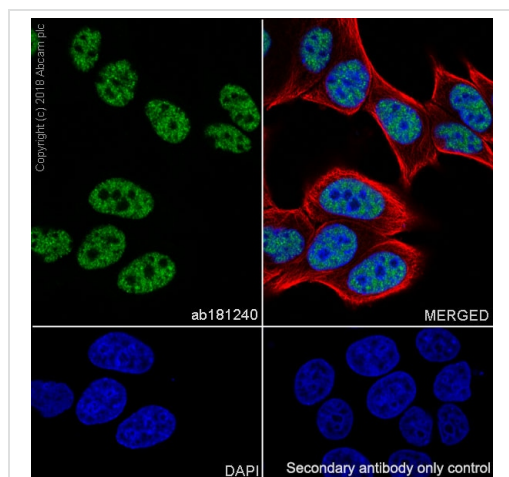
### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 106 kDa

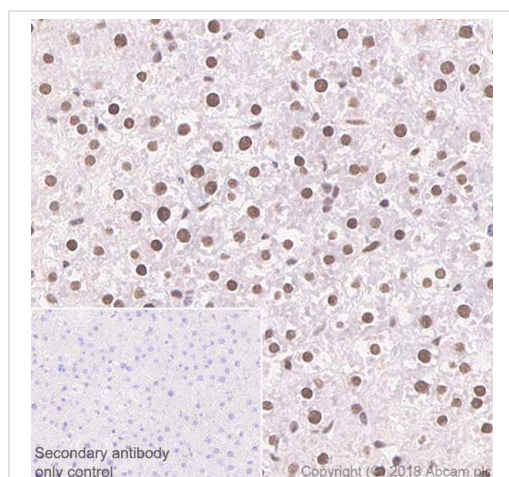
**Observed band size:** 150 kDa

Blocking and diluting buffer: 5% NFDM/TBST.



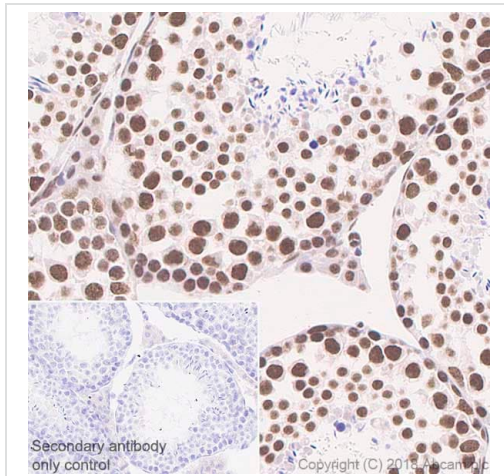
Immunocytochemistry/ Immunofluorescence - Anti-BTF antibody [EPR9980(2)] (ab181240)

Immunocytochemistry/ Immunofluorescence analysis of MCF7 (Human breast adenocarcinoma epithelial cell) cells labeling BTF with Purified ab181240 at 1:1000 dilution (1.5 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor®594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor®488, **ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



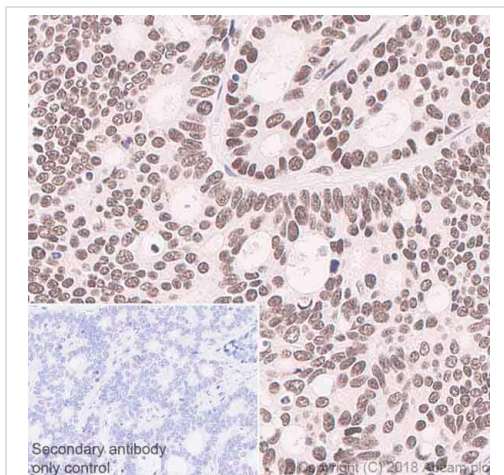
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BTF antibody [EPR9980(2)] (ab181240)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Rat liver tissue sections labeling BTF with Purified ab181240 at 1:500 dilution (3.08 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0) ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



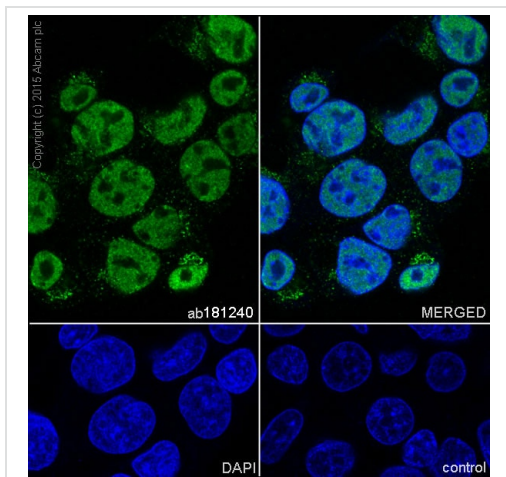
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BTF antibody  
[EPR9980(2)] (ab181240)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Mouse testis tissue sections labeling BTF with Purified ab181240 at 1:500 dilution (3.08 µg/ml). Heat mediated antigen retrieval was performed using [ab93684](#) (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BTF antibody  
[EPR9980(2)] (ab181240)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human gastric cancer tissue sections labeling BTF with Purified ab181240 at 1:500 dilution (3.08 µg/ml). Heat mediated antigen retrieval was performed using [ab93684](#) (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain

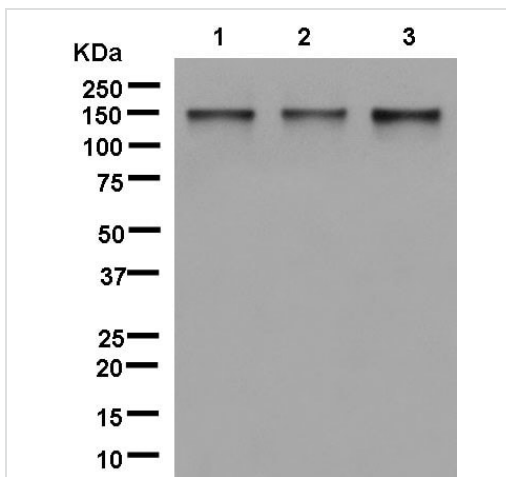


Immunocytochemistry/ Immunofluorescence - Anti-BTF antibody [EPR9980(2)] (ab181240)

Immunocytochemistry/Immunofluorescence analysis of HepG2 cells labelling BTF with unpurified ab181240 at 1/500. Cells were fixed with 4% Paraformaldehyde. **ab150077**, an Alexa Fluor<sup>®</sup> 488-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody.

**Control:** PBS only.

**Nuclear counter stain:** DAPI.



Western blot - Anti-BTF antibody [EPR9980(2)] (ab181240)

**All lanes :** Anti-BTF antibody [EPR9980(2)] (ab181240) at 1/10000 dilution (Unpurified)

**Lane 1 :** Jurkat cell lysate

**Lane 2 :** K562 cell lysate

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

Lysates/proteins at 20 µg per lane.

#### Secondary

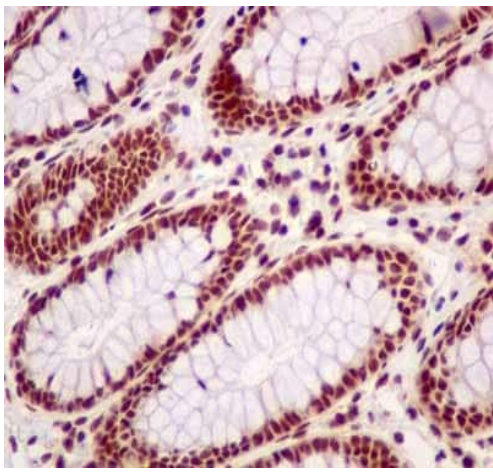
**Lane 1 :** Goat anti-Rabbit IgG, (H+L), peroxidase conjugate at 1/1000 dilution

**Lanes 2-3 :** Goat anti-rabbit IgG, (H+L), peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 106 kDa

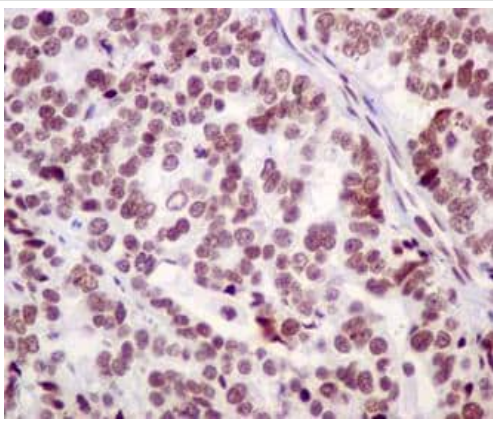
**Observed band size:** 150 kDa





Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BTF antibody  
[EPR9980(2)] (ab181240)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling BTF with unpurified ab181240 at 1/100 dilution followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with hematoxylin.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-BTF antibody  
[EPR9980(2)] (ab181240)

Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue labeling BTF with unpurified ab181240 at 1/100 dilution followed by prediluted HRP Polymer for Rabbit IgG. Counter stained with hematoxylin.

### 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-BTF antibody [EPR9980(2)] (ab181240)

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

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