


Product datasheet

Anti-TTF2 antibody [EPR12756] - BSA and Azide free ab240241

Recombinant RabMAb

5 Images

Overview

Product name	Anti-TTF2 antibody [EPR12756] - BSA and Azide free
Description	Rabbit monoclonal [EPR12756] to TTF2 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB, ICC/IF, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab240241 is the carrier-free version of ab181116.</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	EPR12756
Isotype	IgG

Applications

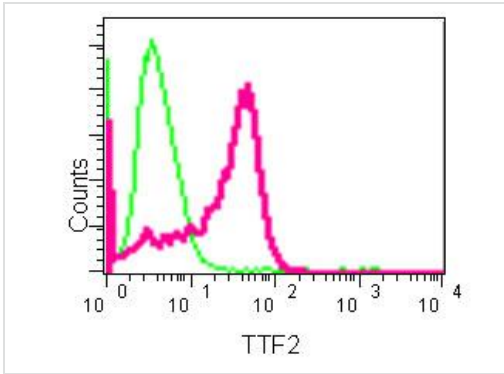
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab240241 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration. ab199376 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		Use at an assay dependent concentration. Predicted molecular weight: 130 kDa.
ICC/IF		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.

Target

Function	DsDNA-dependent ATPase which acts as a transcription termination factor by coupling ATP hydrolysis with removal of RNA polymerase II from the DNA template. May contribute to mitotic transcription repression. May also be involved in pre-mRNA splicing.
Sequence similarities	Belongs to the SNF2/RAD54 helicase family. Contains 1 helicase ATP-binding domain. Contains 1 helicase C-terminal domain.
Cellular localization	Cytoplasm. Nucleus. Cytoplasmic during interphase. Relocates to the nucleus as cells enter mitosis.

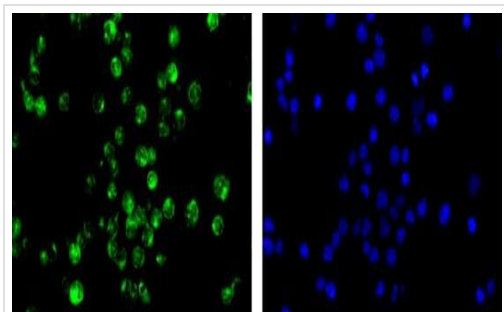
Images



Flow Cytometry (Intracellular) - Anti-TTF2 antibody [EPR12756] - BSA and Azide free (ab240241)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed Jurkat cells labeling TTF2 with **ab181116** at 1/60 dilution, followed by Goat anti rabbit IgG (FITC) at 1/150 dilution (pink). Rabbit monoclonal IgG was used as Isotype control (green).

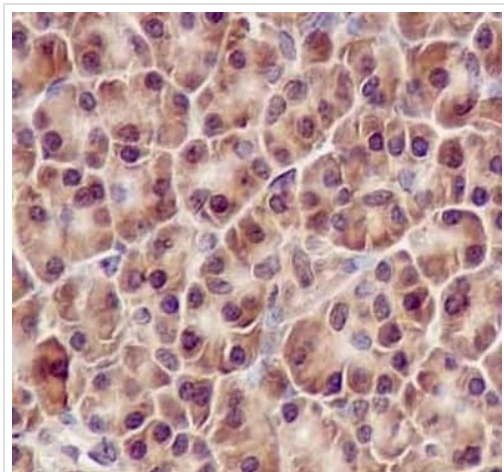
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181116**).



Immunocytochemistry/ Immunofluorescence - Anti-TTF2 antibody [EPR12756] - BSA and Azide free (ab240241)

Immunofluorescent analysis of acetone-fixed Jurkat cells labeling TTF2 with **ab181116** at 1/100 (green) dilution. Goat anti rabbit IgG (Alexa Fluor® 488) was used for secondary antibody staining at a dilution of 1/200. Counter stain: Dapi (blue)

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181116**).

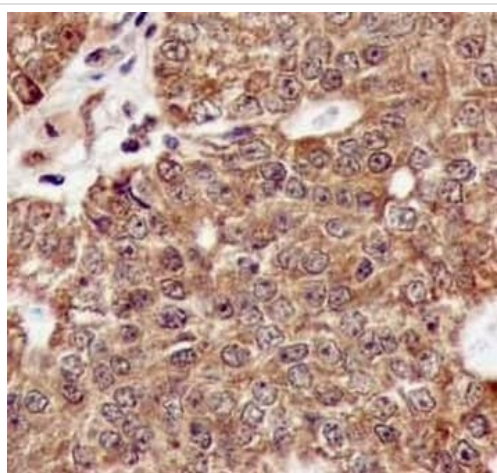


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TTF2 antibody [EPR12756] - BSA and Azide free (ab240241)

Immunohistochemical analysis of paraffin embedded Human pancreas tissue labeling TTF2 with **ab181116** at 1/250 dilution. Prediluted (ready to use) HRP Polymer for Rabbit IgG was used as a secondary antibody. Counter stain: Hematoxylin

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181116**).

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



Immunohistochemical analysis of paraffin embedded Human adenocarcinoma of endometrium tissue labeling TTF2 with **ab181116** at 1/250. Prediluted (ready to use) HRP Polymer for Rabbit IgG was used as a secondary antibody. Counter stain: Hematoxylin

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181116**).

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

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-TTF2 antibody [EPR12756] - BSA and Azide free (ab240241)

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-TTF2 antibody [EPR12756] - BSA and Azide free (ab240241)

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

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