

Product datasheet

Anti-GCDFP 15 antibody [SP185] - BSA and Azide free ab238776

Recombinant RabMAb

6 Images

Overview

Product name	Anti-GCDFP 15 antibody [SP185] - BSA and Azide free
Description	Rabbit monoclonal [SP185] to GCDFP 15 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	IHC-P: Human breast carcinoma and breast ductal carcinoma tissues
General notes	<p>ab238776 is the carrier-free version of ab183321.</p> <p>Cow: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</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>This product is FOR RESEARCH USE ONLY. For commercial use, please contact</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.20 Constituent: PBS
Carrier free	Yes
Purity	Protein A/G purified
Purification notes	Purified from TCS by protein A/G.
Clonality	Monoclonal
Clone number	SP185
Isotype	IgG

Applications

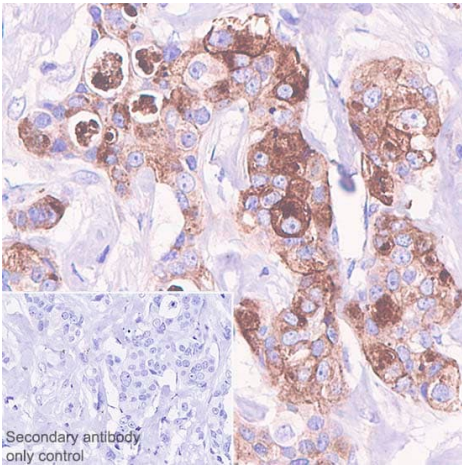
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab238776 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 17 kDa.
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

Tissue specificity	Expressed in pathological conditions of the mammary gland and in several exocrine tissues, such as the lacrimal, salivary, and sweat glands.
Sequence similarities	Belongs to the PIP family.
Cellular localization	Secreted.

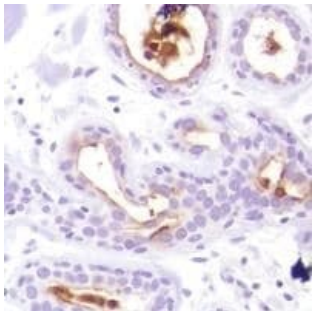
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [SP185] - BSA and Azide free (ab238776)

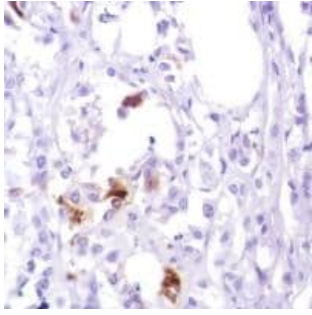
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human breast carcinoma tissue sections labeling GCDFP 15 with [ab183321](#) at 1/100 dilution (2.21 µg/ml). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0, epitope retrieval solution 2) for 10mins. Rabbit specific IHC polymer detection kit HRP/DAB ([ab209101](#)) was used as the secondary antibody. Hematoxylin was used as a counterstain. Positive staining on the human breast carcinoma, performed on a Leica Biosystems BOND™ RX instrument.

The section was incubated with [ab183321](#) for 10 mins at room temperature. This image was generated using [ab183321](#), the same clone, but with a different buffer formulation.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [SP185] - BSA and Azide free (ab238776)

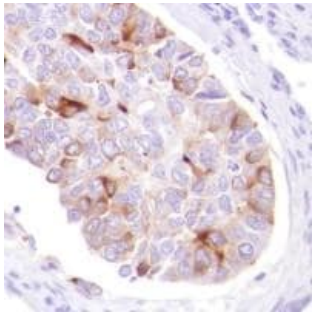
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue labeling GCDFP with [ab183321](#) at 1/100 dilution. This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA and sodium azide ([ab183321](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [SP185] - BSA and Azide free (ab238776)

Immunohistochemical analysis of paraffin-embedded Human breast ductal carcinoma tissue labeling GCDFP with [ab183321](#) at 1/100 dilution.

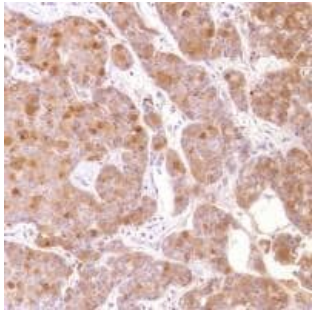
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab183321](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [SP185] - BSA and Azide free (ab238776)

Immunohistochemical analysis of paraffin-embedded Human breast ductal carcinoma tissue labeling GCDFP with [ab183321](#) at 1/100 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab183321](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [SP185] - BSA and Azide free (ab238776)

Immunohistochemical analysis of paraffin-embedded Human breast carcinoma tissue labeling GCDFP with [ab183321](#) at 1/100 dilution.

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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

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

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