

## Product datasheet

# Anti-GCDFP 15 antibody [EP1582Y] - BSA and Azide free ab235998

Recombinant RabMAb

★ ★ ★ ★ ★ **1 Abreviews** **8 Images**

### Overview

<b>Product name</b>	Anti-GCDFP 15 antibody [EP1582Y] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EP1582Y] to GCDFP 15 - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt (Intra), ICC/IF, WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	IHC-P: Cystic breast disease tissue.
<b>General notes</b>	<p>ab235998 is the carrier-free version of <a href="#">ab62363</a>.</p> <p>Our <b>carrier-free</b> 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 <a href="#">conjugation kits</a> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;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<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> 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"> <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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with</p>

these species. Please contact us for more information.

## 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	EP1582Y
Isotype	IgG

## Applications

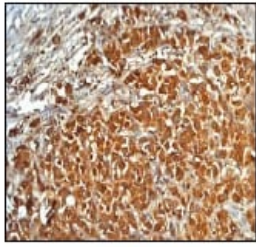
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab235998 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
ICC/IF		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 17 kDa.
IHC-P	★☆☆☆☆ (1)	Use at an assay dependent concentration.

## 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.

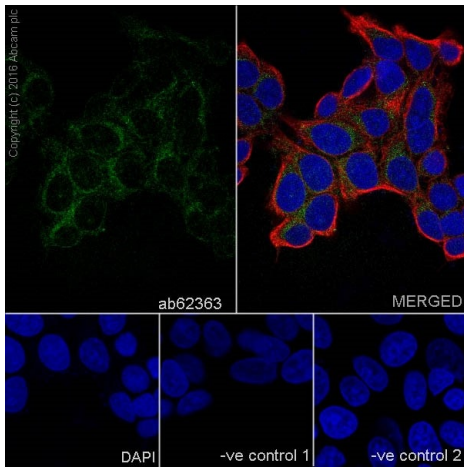
## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [EP1582Y] - BSA and Azide free (ab235998)

Immunohistochemical analysis of GCDFP 15 expression in paraffin embedded human breast carcinoma using 1/100-1/250 dilution of **ab62363**

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab62363**).



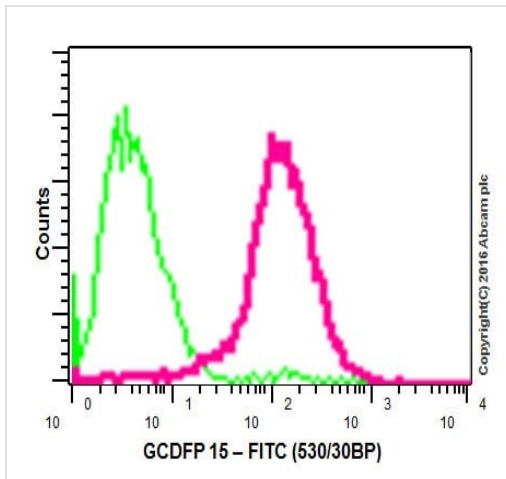
Immunocytochemistry/ Immunofluorescence - Anti-GCDFP 15 antibody [EP1582Y] - BSA and Azide free (ab235998)

Immunocytochemistry/Immunofluorescence analysis of MCF-7 (human breast carcinoma) cells labelling GCDFP 15 with **ab62363** at 1/100. Cells were fixed with 4% Paraformaldehyde and permeabilized with 0.1% Triton-X. **ab150077**, Alexa Fluor® 488-conjugated goat anti-rabbit IgG (1/1000) was used as the secondary antibody. Cells were counter-stained with **ab7291** Anti-Tubulin antibody (1/1000) followed by **ab150120** AlexaFluor®594 Goat anti-Mouse secondary (1/1000). Nuclei were counterstained with DAPI (blue).

For negative control 1, **ab62363** at dilution of 1/100 was used followed by anti-mouse secondary antibody (**ab150120**) at 1/1000 dilution. For negative control 2, **ab7291**; 1/1000 was used followed by anti-rabbit secondary antibody (**ab150077**) at 1/1000 dilution.

Confocal image showing cytoplasmic staining on MCF7 cells.

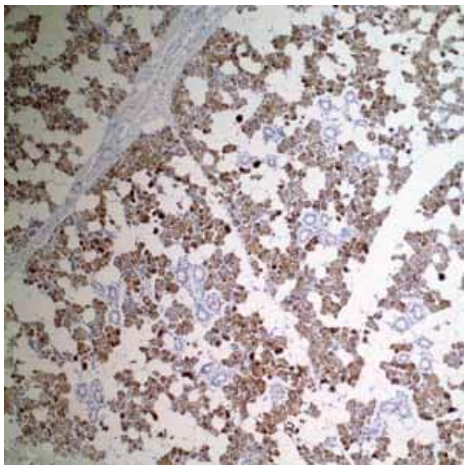
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab62363**).



Flow Cytometry (Intracellular) - Anti-GCDFP 15 antibody [EP1582Y] - BSA and Azide free (ab235998)

Intracellular Flow Cytometry analysis of T47D (human mammary gland ductal carcinoma) (pink) with [\*\*ab62363\*\*](#) at dilution of 1/20. The secondary antibody used was goat anti rabbit IgG (FITC) at dilution of 1/150. Cells were fixed with 2% paraformaldehyde. Isotype control antibody used was Rabbit monoclonal IgG (green).

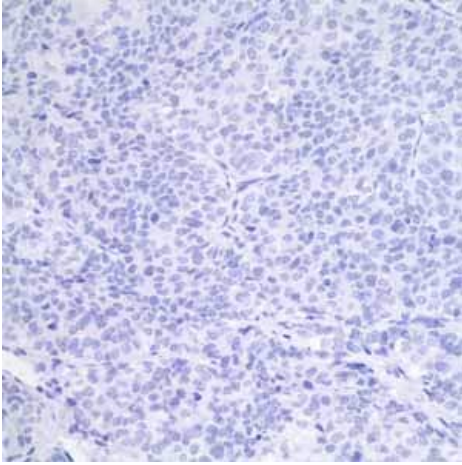
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([\*\*ab62363\*\*](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [EP1582Y] - BSA and Azide free (ab235998)

[\*\*ab62363\*\*](#) showing positive staining in Salivary gland tissue.

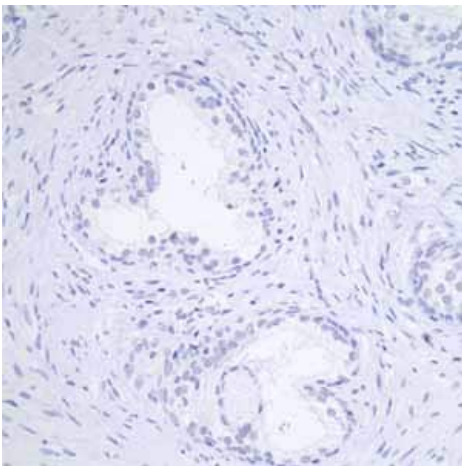
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([\*\*ab62363\*\*](#)).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [EP1582Y] - BSA and Azide free (ab235998)

**ab62363** showing negative staining in Hepatocellular carcinoma tissue.

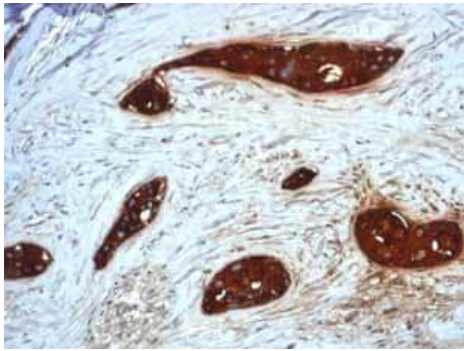
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab62363**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [EP1582Y] - BSA and Azide free (ab235998)

**ab62363** showing negative staining in Prostate hyperplasia tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab62363**).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-GCDFP 15 antibody [EP1582Y] - BSA and Azide free (ab235998)

**ab62363** showing positive staining in Cystic breast disease tissue.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab62363**).

### 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-GCDFP 15 antibody [EP1582Y] - BSA and Azide free (ab235998)

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

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