


## Product datasheet

### Anti-Galanin antibody [4B3] ab245676

Recombinant

2 Images

#### Overview

<b>Product name</b>	Anti-Galanin antibody [4B3]
<b>Description</b>	Mouse monoclonal [4B3] to Galanin
<b>Host species</b>	Mouse
<b>Specificity</b>	The antibody binds to galanin with an affinity constant (Kd) of 0.07 nM reported for the original antibody.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Rat <b>Predicted to work with:</b> Human 
<b>Immunogen</b>	Recombinant fragment corresponding to Human Galanin (C terminal) conjugated to keyhole limpet haemocyanin. ab245676 binds to the C-terminal region of Galanin, between residues 21 and 27. Database link: <a href="#">P22466</a>
<b>Epitope</b>	ab245676 binds to the C-terminal region of Galanin, between residues 21 and 27, blocking its activity, and can be used clinically.
<b>Positive control</b>	IHC-P: Rat prostate tissue.

#### 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: 0.02% Proclin 300 Constituent: 99% PBS
<b>Purity</b>	Protein A purified
<b>Purification notes</b>	Purified from TCS ?
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	4B3
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab245676 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		Use a concentration of 3 µg/ml.

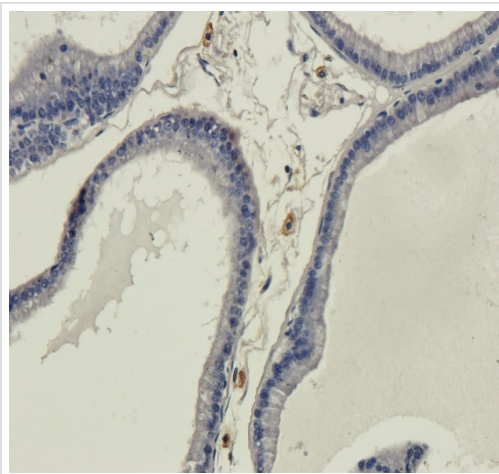
## Target

**Function** Contracts smooth muscle of the gastrointestinal and genitourinary tract, regulates growth hormone release, modulates insulin release, and may be involved in the control of adrenal secretion.

**Sequence similarities** Belongs to the galanin family.

**Cellular localization** Secreted.





## Images



Formalin-fixed rat prostate tissue stained for Galanin with ab245676 at 3 µg/ml in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Galanin antibody [4B3] (ab245676)

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-Galanin antibody [4B3] (ab245676)

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

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