

Product datasheet

Anti-PGRP1A antibody [187C434] ab13901

Overview

<b>Product name</b>	Anti-PGRP1A antibody [187C434]
<b>Description</b>	Mouse monoclonal [187C434] to PGRP1A
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide, corresponding to amino acids 179-183 of Human PGRP1A.
<b>Positive control</b>	Tested with human brain lysate.

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 or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: PBS
<b>Purity</b>	Protein G purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	187C434
<b>Isotype</b>	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab13901** 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 a concentration of 2 µg/ml.

Target

<b>Function</b>	Pattern receptor that binds to murein peptidoglycans (PGN) of Gram-positive bacteria. Has bactericidal activity towards Gram-positive bacteria. May kill Gram-positive bacteria by interfering with peptidoglycan biosynthesis. Binds also to Gram-negative bacteria, and has
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**Tissue specificity**

bacteriostatic activity towards Gram-negative bacteria. Plays a role in innate immunity. Detected in skin epidermis, eccrine sweat glands and ducts, ciliary body epithelial cells of the eye, in small intestine, colon, stomach and in mature epithelial cells of the tongue (at protein level). Highly expressed in skin and esophagus, expressed also in tonsils and thymus and to a much lesser extent in the stomach, descending colon, rectum and brain.

**Sequence similarities**

Belongs to the N-acetylmuramoyl-L-alanine amidase 2 family.

**Post-translational modifications**

N-glycosylated.

**Cellular localization**

Secreted.

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