

[Go to Product page](#)

Datasheet for ABIN1703918  
**anti-GPR19 antibody (AA 201-300) (Cy5)**

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | GPR19  |
| Binding Specificity: | AA 201-300   |
| Reactivity:          | Human, Mouse   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This GPR19 antibody is conjugated to Cy5   |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | KLH conjugated synthetic peptide derived from human G protein coupled receptor 19 |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse  |
| Purification:     | Purified by Protein A.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | GPR19  |
| Alternative Name: | GPR19 ( <a href="#">GPR19 Products</a> )   |
| Background:       | Synonyms: G protein coupled receptor 19, G protein coupled receptor 4, G-protein coupled |

## Target Details

receptor 19, G-protein coupled receptor 4, GPR 4, GPR19, GPR4, GPR4\_HUMAN, Probable G protein coupled receptor GPR4, GPCR GPR19.

Background: G protein-coupled receptors (GPRs or GPCRs), also known as seven transmembrane receptors, heptahelical receptors, or 7TM receptors, are members of the largest protein family and play a role in many different stimulus-response pathways. G-protein coupled receptors mediate extracellular signals into intracellular signals (G-protein activation). They respond to a great variety of signaling molecules, including hormones, neurotransmitters and other proteins and peptides. GPR proteins are integral seven-pass membrane proteins with some conserved amino acid regions. GPR19, an orphan receptor, shows elevated expression during embryonic development of the nervous system as well as in specific regions of adult mouse brain, including the olfactory bulb, the hippocampus, hypothalamic nuclei and the cerebellum. The GPR19 gene maps to a location on chromosome 12, which is a frequent target for rearrangement in cancer cells and involved in childhood acute lymphoblastic leukemia (ALL).

Gene ID: 2828

## Application Details

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

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Expiry Date: 12 months