

# OXGR1 / GPR99 Rabbit mAb

Catalog No.: A20918 **Recombinant**

## Basic Information

### Observed MW

40kDa

### Calculated MW

38kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC2892

## Background

This gene encodes a G protein-coupled receptor (GPCR) that belongs to the oxoglutarate receptor family within the GPCR superfamily. The encoded protein is activated by the citric acid intermediate, oxoglutarate, as well as several cysteinyl leukotrienes, including leukotrienes E4, C4 and D4, which are implicated in many inflammatory disorders. In mice, a knock-out of this gene leads to middle ear inflammation, changes in the mucosal epithelium, and an increase in fluid behind the eardrum, and is associated with hearing loss. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

**WB** 1:500 - 1:1000**IF/ICC** 1:50 - 1:200

## Immunogen Information

### Gene ID

27199

### Swiss Prot

Q96P68

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 150-250 of human OXGR1 / GPR99 (Q96P68).

### Synonyms

aKGR; GPR80; GPR99; P2Y15; P2RY15; OXGR1 / GPR99

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

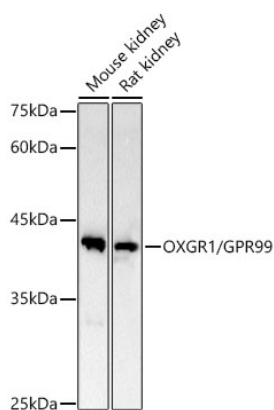
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using OXGR1/GPR99 antibody (A20918) at 1:1000 dilution.

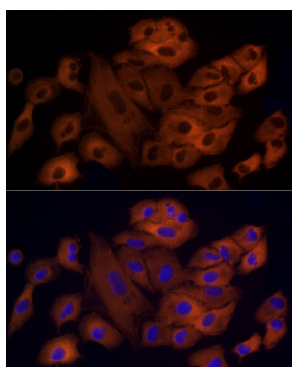
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunofluorescence analysis of A-549 cells using OXGR1 / GPR99 Rabbit mAb (A20918) at dilution of 1:50 (40x lens).  
Blue: DAPI for nuclear staining.