Recombinant OXGR1 Monoclonal Antibody

catalog number: **AN301217L**

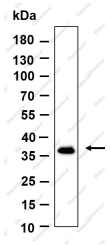
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human OXGR1 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C170840
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data



Western Blot with Recombinant OXGR1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: HeLa lysate.

Observed-MW:37 kDa

Calculated-MW:37 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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.

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