

Anti-OXGR1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

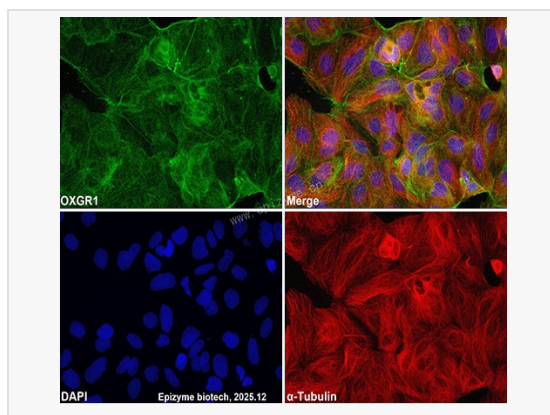
Catalog # R013648

Product Information

Application	WB, ELISA, IF (Cell)/ICC, IHC-P/IF (Tissue-P)
Reactivity	Human, Rat
Dilution	WB 1:1,000~1:3,000; IF 1:100~1:200; IHC-P 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	97L00L11
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human OXGR1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-OXGR1 antibody [97L00L11] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	P2Y15; Alpha-ketoglutarate receptor 1; G-protein coupled receptor 80; G-protein coupled receptor 99; P2Y purinoceptor 15.
Calculated MW	Calculated MW: 38 kDa; Observed MW: 38 kDa
Uniprot ID	Q96P68
Gene ID	27199
Background	Receptor for alpha-ketoglutarate.



Immunofluorescence - Anti-OXGR1 Rabbit mAb [97L00L11]

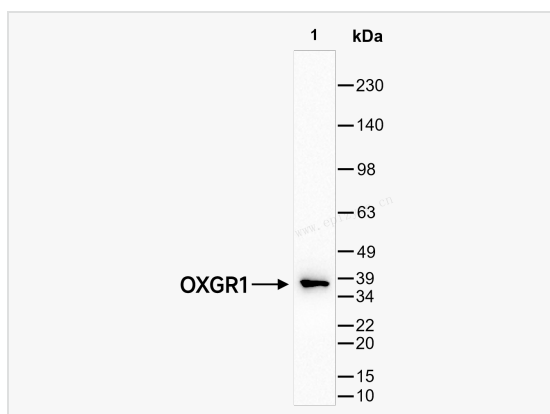
Sample: Caco2 cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibody: R013648 at 1:100 dilution and α -tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution

Secondary antibody: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)

Nuclei were stained with DAPI (shown in blue).



Western Blot - Anti-OXGR1 Rabbit mAb [97L00L11]

All lanes: R013648 at 1:3,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

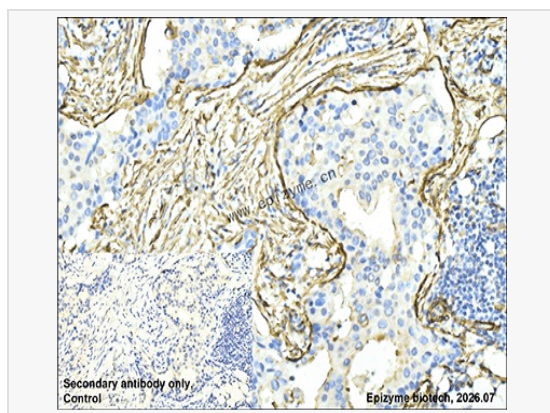
Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 38 kDa

Observed band size: 38 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-OXGR1 Rabbit mAb [97L00L11]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013648 at 1:100 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.