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## Datasheet for ABIN7043171 anti-GPR68 antibody (2nd Extracellular Loop) (FITC)



Images

Overview	
Quantity:	50 μL
Target:	GPR68
Binding Specificity:	2nd Extracellular Loop, AA 169-183
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GPR68 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)
Product Details	
Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)HRV(S)FEHYPIQAWQR, corresponding to amino acid residues 169-
	183 of mouse GPR68

Isotype:IgGCharacteristics:Anti-GPR68 (OGR1) (extracellular) Antibody (ABIN7043170, ABIN7044425 and ABIN7044426))is a highly specific antibody directed against an epitope of the mouse ovarian cancer G-protein<br/>coupled receptor 1. The antibody can be used in western blot and live cell flow cytometry<br/>applications. It has been designed to recognize GPR68 from rat, mouse, and human samples.<br/>NnAnti-GPR68 (OGR1) (extracellular)-FITC Antibody (ABIN7043170, ABIN7044425 and<br/>ABIN7044426)-F) is directly conjugated to fluorescein isothiocyanate (FITC). The antibody can<br/>be used in immunofluorescent applications such as direct live cell flow cytometry.

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### Product Details

#### Purification:

Affinity purified on immobilized antigen.

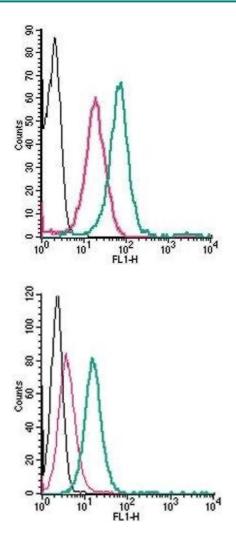
## Target Details

G-protein coupled receptor 1, Sphingosylphosphorylcholine receptorGene ID:238377NCBI Accession:NM_001177676UniProt:Q8BFQ3Application DetailsGene ID:Application Notes:Optimal working dilution should be determined by the investigator.Restrictions:For Research Use onlyHandlingFormat:Econstitution:15 µL or 50 µL double distilled water (DDW), depending on the sample size.Concentration:1 mg/mLBuffer:Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.4 Sodium azide.Preservative:Sodium azide.Preservative:Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE w should be handled by trained staff only.Storage:RT,4 *C,-20 *CStorage Comment:Storage before reconstitution: The antibody ships as a lyophilized powder at room ten Upon arrival, it should be stored at -20*C.		
Background: Alternative names: GPR68/OGR1, Acid-sensing G-protein coupled receptor 68, Ovariar G-protein coupled receptor 1, Sphingosylphosphorylcholine receptor   Gene ID: 238377   NCBI Accession: NML001177676   UniProt: Q8BF03   Application Details Application Notes:   Optimal working dilution should be determined by the investigator.   Restrictions: For Research Use only   Handling Format:   Format: Lyophilized   Reconstitution: 15 µL or 50 µL double distilled water (DDW), depending on the sample size.   Concentration: 1 mg/mL   Buffer: Sodium azide.   Preservative: Sodium azide.   Preservative: Sodium azide   Precoution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE w should be handled by trained staff only.   Storage: RT,4 "C, 20 "C   Storage Comment: Storage before reconstitution: The antibody ships as a lyophilized powder at room term Upon arrival, it should be stored at -20°C.	Target:	GPR68
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	Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C, protected from the light, for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5

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#### **Flow Cytometry**

**Image 1.** Cell surface detection of GPR68 in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-GPR68 (OGR1) (extracellular) Antibody-FITC (ABIN7043171, ABIN7045538, ABIN7045539, ABIN7045540 and ABIN7045541), (2.5 µg).

#### **Flow Cytometry**

**Image 2.** Cell surface detection of GPR68 in live intact human HL-60 acute promyelocytic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-GPR68 (OGR1) (extracellular) Antibody-FITC (ABIN7043171, ABIN7045538, ABIN7045539, ABIN7045540 and ABIN7045541), (2.5 µg).

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