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Datasheet for ABIN768598

## anti-GPR183 antibody (Internal Region)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	GPR183
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This GPR183 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (IF)

#### Product Details

Purpose:	GPR183
Immunogen:	Peptide with sequence C-NKIKRIEHAK, from the internal region of the protein sequence according to NP_004942.1.
Sequence:	NKIKRIEHAK
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

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Target:	GPR183
Alternative Name:	GPR183 ( <a href="#">GPR183 Products</a> )
Background:	GPR183, G protein-coupled receptor 183, EBI2, EBV-induced G-protein coupled receptor 2, Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupled receptor), G-protein coupled receptor 183, epstein-Barr virus-induced G-protein coupled recept
Molecular Weight:	60kDa
Gene ID:	1880, 321019, 679975
NCBI Accession:	<a href="#">NP_004942</a>

## Application Details

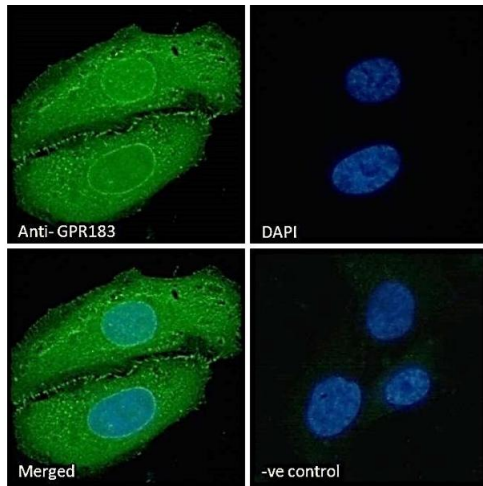
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Application Notes:	Peptide ELISA: antibody detection limit dilution 1:32000.
Comment:	<b>Immunofluorescence:</b> Strong expression of the protein seen in A431 and U2OS cells. Recommended concentration: 10µg/ml. <b>Flow Cytometry:</b> Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.
Restrictions:	For Research Use only

## Handling

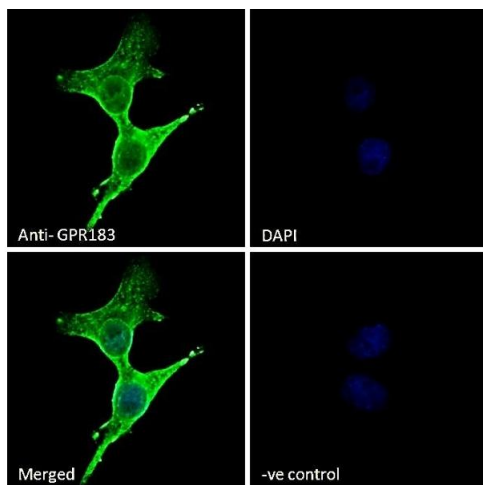
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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



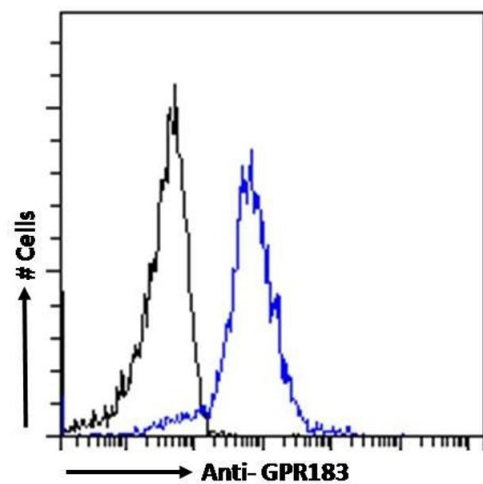
### Immunofluorescence

**Image 1.** (ABIN768598) Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing nuclear membrane and vesicle staining. The nuclei



### Immunofluorescence

**Image 2.** (ABIN768598) Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing membrane, cytoplasmic, and nuclear membrane stain



### Flow Cytometry

**Image 3.** (ABIN570867) Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (1 µg/mL). IgG control: Unimmunized goat IgG (black line) fol