Datasheet for ABIN7043876

anti-VIPR1 antibody (Extracellular, N-Term) (FITC)

2 Images

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Overview

Quantity:	50 µL
Target:	VIPR1
Binding Specificity:	AA 52-65, Extracellular, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This VIPR1 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)EEAQLENETIG(S)SK, corresponding to amino acid residues 52-65 of human VPAC1
Isotype:	IgG
Characteristics:	Anti-VPAC1 (VIPR1) (extracellular) Antibody (ABIN7043875, ABIN7045329 and ABIN7045330)) is a highly specific antibody directed against an epitope of human VIP and PACAP receptor 1. The antibody can be used in western blot, immunohistochemistry, immunocytochemistry, live cell imaging, and indirect flow cytometry applications. It has been designed to recognize VPAC1 from mouse, rat, and human samples. \nAnti-VPAC1 (VIPR1) (extracellular)-FITC Antibody (ABIN7043875, ABIN7045329 and ABIN7045330)-F) is directly conjugated to fluorescein isothiocyanate (FITC). This labeled antibody can be used in immunofluorescent applications such as direct live cell flow cytometry.

Product Details

Purification:	Affinity purified on immobilized antigen.

Target Details

Target:	VIPR1
Alternative Name:	VPAC1 (VIPR1) (VIPR1 Products)
Background:	Alternative names: VPAC1 (VIPR1), VIP and PACAP receptor 1, Vasoactive intestinal polypeptide receptor 1, Pituitary adenylate cyclase-activating polypeptide type II receptor, PACAP type II receptor, PACAP-R2
Gene ID:	7433
NCBI Accession:	NM_004624
UniProt:	P32241

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

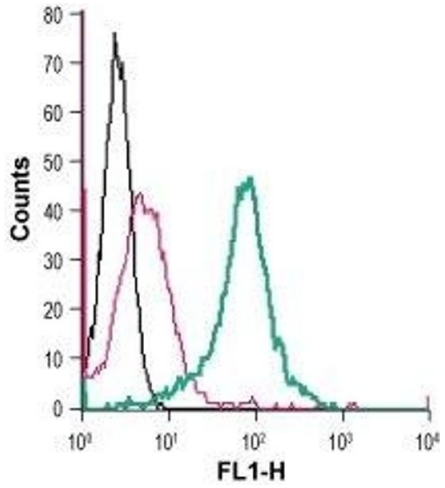
Handling

Format:	Lyophilized
Reconstitution:	50 µL double distilled water (DDW).
Concentration:	1 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which 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 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

Handling

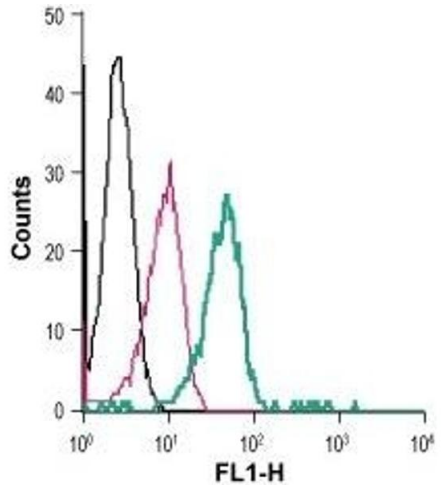
multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).

Images



Flow Cytometry

Image 1. Cell surface detection of VPAC1 in live intact mouse J774 macrophage cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-VPAC1 (VIPR1) (extracellular)-FITC Antibody (ABIN7043876, ABIN7045720, ABIN7045721 and ABIN7045722), (5 µg).



Flow Cytometry

Image 2. Cell surface detection of VPAC1 in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-VPAC1 (VIPR1) (extracellular)-FITC Antibody (ABIN7043876, ABIN7045720, ABIN7045721 and ABIN7045722), (2.5 µg).