

Datasheet for ABIN7043078

anti-F2RL3 antibody (1st Extracellular Loop) (FITC)[Go to Product page](#)**3** Images

Overview

Quantity:	50 µL
Target:	F2RL3
Binding Specificity:	1st Extracellular Loop, AA 136-150
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This F2RL3 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)HLRGQRWPFGEAA(S)R, corresponding to amino acid residues 136-150 of human PAR-4
Isotype:	IgG
Characteristics:	Anti-PAR4 (F2RL3) (extracellular) Antibody (ABIN7043077, ABIN7045106 and ABIN7045107)) is a highly specific antibody directed against an extracellular epitope of human protease-activated receptor-4. The antibody can be used in western blot analysis, immunohistochemical, immunocytochemical and flow cytometry applications. It has been designed to recognize PAR-4 from human, mouse and rat samples. \nAnti-PAR4 (F2RL3) (extracellular)-FITC Antibody (ABIN7043077, ABIN7045106 and ABIN7045107)-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: F2RL3

Alternative Name: PAR4 (F2RL3) ([F2RL3 Products](#))

Background: Alternative names: PAR4 (F2RL3), Protease-activated receptor-4, PAR-4, Coagulation factor II receptor-like 3, Thrombin receptor-like 3

Gene ID: 9002

NCBI Accession: [NM_003950](#)

UniProt: [Q96RI0](#)

Pathways: [Carbohydrate Homeostasis](#), [Regulation of Carbohydrate Metabolic Process](#)

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.

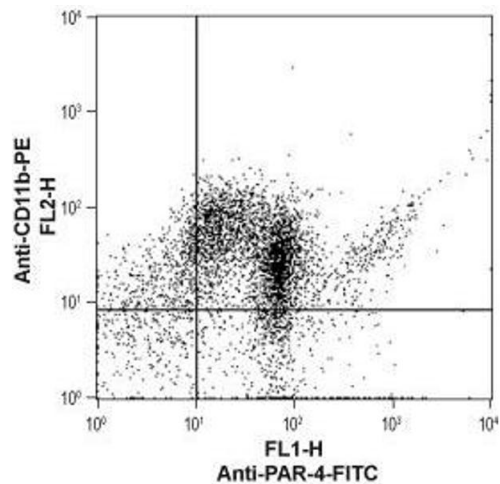
Preservative: Sodium azide

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

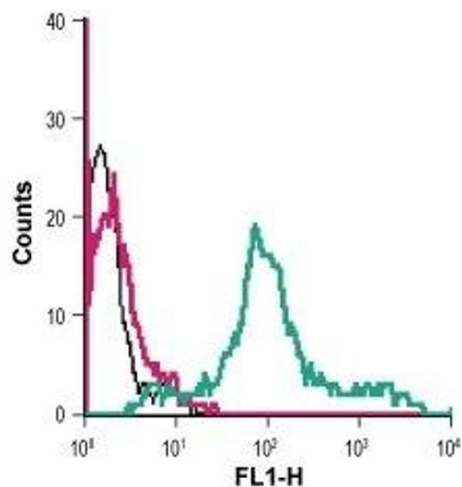
Storage Comment: Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.
Storage after reconstitution: The reconstituted solution can be stored at 4°C, protected from the light, for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid

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



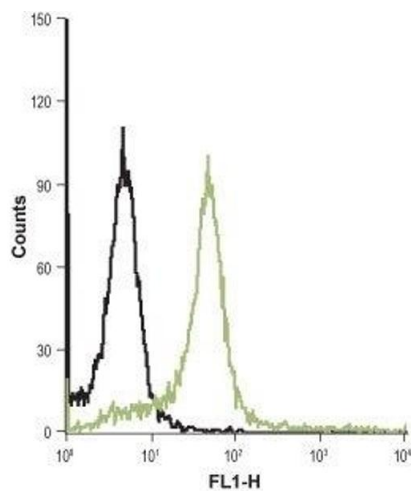
Flow Cytometry

Image 1. Cell surface detection of PAR-4 in human neutrophil-like differentiated promyelocytic leukemia HL-60 cells - HL-60 cells were induced to differentiate into a mature neutrophil-like phenotype by incubation with dimethyl sulfoxide (DMSO) (1.25 %) for three days. The neutrophil phenotype was confirmed by staining the cells with anti-CD11b-PE antibody. Double staining with Anti-PAR4 (F2RL3) (extracellular)-FITC Antibody (ABIN7043078, ABIN7045685, ABIN7045686 and ABIN7045687), (1:40), shows that most differentiated cells express both markers (upper right panel).



Flow Cytometry

Image 2. Cell surface detection of PAR-4 in live intact human MEG-01 megakaryoblastic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC. (green line) Cells + Anti-PAR4 (F2RL3) (extracellular)-FITC Antibody (ABIN7043078, ABIN7045685, ABIN7045686 and ABIN7045687), 5 µg.



Flow Cytometry

Image 3. Cell surface detection of PAR-4 in live intact HL-60 (human promyelocytic leukemia) cell line: (black line) Unstained cells. (green line) Cells + Anti-PAR4 (F2RL3) (extracellular)-FITC Antibody (ABIN7043078, ABIN7045685, ABIN7045686 and ABIN7045687).