

Datasheet for ABIN7043580

anti-P2RX7 antibody (Extracellular Loop) (FITC)[Go to Product page](#)

4 Images

Overview

Quantity:	50 µL
Target:	P2RX7
Binding Specificity:	AA 136-152, Extracellular Loop
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RX7 antibody is conjugated to FITC
Application:	Flow Cytometry (FACS), Immunofluorescence (IF), Immunocytochemistry (ICC), Live Cell Imaging (LCI)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: KKGWMDPQSKGIQTGRC, corresponding to amino acid residues 136-152 of mouse P2X7 receptor
Isotype:	IgG
Characteristics:	Anti-P2X7 Receptor (extracellular) Antibody (ABIN7043578, ABIN7045080 and ABIN7045081)) is a highly specific antibody directed against an epitope of the mouse protein. The antibody can be used in western blot, indirect flow cytometry, immunohistochemistry, live cell imaging, and immunocytochemistry applications. It has been designed to recognize P2X7 purinergic receptor from mouse, rat, and human samples. \nAnti-P2X7 Receptor (extracellular)-FITC Antibody (ABIN7043578, ABIN7045080 and ABIN7045081)-F is directly conjugated to fluorescein isothiocyanate (FITC). This labeled antibody can be used in immunofluorescent applications

Product Details

such as direct live cell flow cytometry and immunocytochemistry.

Purification: Affinity purified on immobilized antigen.

Target Details

Target: P2RX7

Alternative Name: P2X7 Receptor ([P2RX7 Products](#))

Background: Alternative names: P2X7 Receptor, Purinergic receptor P2X7, P2RX7, P2Z, ATP receptor

Gene ID: 18439

NCBI Accession: [NM_002562](#)

UniProt: [Q9H244](#)

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Synaptic Vesicle Exocytosis](#)

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

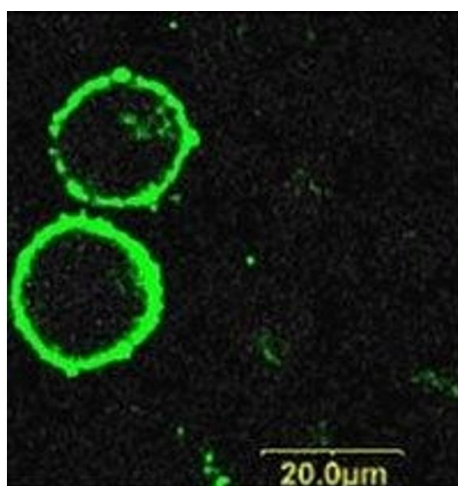
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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.

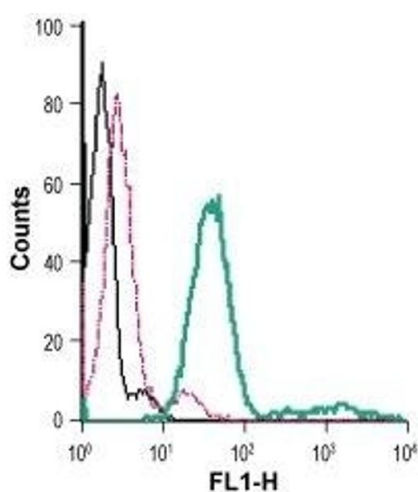
Storage after reconstitution: The reconstituted solution can be stored at 4°C, protected from the light, for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).

Images



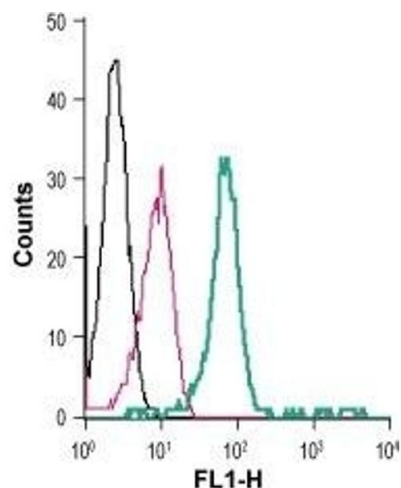
Immunocytochemistry

Image 1. Expression of P2RX7 in human K562 cells - Cell surface detection of P2RX7 in living K562 cells stained with Anti-P2RX7 Receptor (extracellular)-FITC Antibody (ABIN7043580, ABIN7045658, ABIN7045659, ABIN7045660 and ABIN7045661).



Flow Cytometry

Image 2. Cell surface detection of P2RX7 in live intact mouse BV-2 microglia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-P2RX7 Receptor (extracellular)-FITC Antibody (ABIN7043580, ABIN7045658, ABIN7045659, ABIN7045660 and ABIN7045661), (5 μg).



Flow Cytometry

Image 3. Cell surface detection of P2RX7 in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-FITC.(green line) Cells + Anti-P2RX7 Receptor (extracellular)-FITC Antibody (ABIN7043580, ABIN7045658, ABIN7045659, ABIN7045660 and ABIN7045661), (5 μg).

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7043580.