

Datasheet for ABIN7581936
anti-P2RY11 antibody (Intracellular)



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Overview

Quantity:	50 µL
Target:	P2RY11
Binding Specificity:	AA 357-373, Intracellular
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RY11 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunochromatography (IC), Immunoprecipitation (IP)

Product Details

Purpose:	A Rabbit Polyclonal Antibody to P2Y11 Receptor
Immunogen:	(C)NATAAPKPSE PQSRELS, corresponding to amino acid residues 357-373 of human P2RY11
Sequence:	(C)NATAAPKPSE PQSRELS
Isotype:	IgG
Specificity:	Intracellular, C-terminus
Predicted Reactivity:	Human only Not recommended for use with rat,mouse samples
Characteristics:	Anti-Human P2Y11 Receptor Antibody (ABIN7581936) is a highly specific antibody directed against an epitope of the human P2RY11. The antibody can be used in western blot, immunoprecipitation, indirect flow cytometry, and immunocytochemistry applications. It has

Product Details

been designed to recognize P2RY11 from human samples.

Purification: Affinity purified on immobilized antigen.

Target Details

Target: P2RY11

Alternative Name: P2RY11 ([P2RY11 Products](#))

Background: P2Y purinoceptor 11, P2RY11, The P2Y receptors belong to the G-protein coupled receptor superfamily. They mediate the actions of the extracellular nucleotides (ATP, ADP, UTP and UDP). Eight functional mammalian P2Y receptors have been described: P2Y1, P2Y2, P2Y4, P2Y6, P2Y11, P2Y12, P2Y13, and the UDP-glucose receptor, now renamed P2Y14.1-3 The human P2Y11 receptor is unique among the P2Y receptors since it is dually coupled to phospholipase C and adenylyl cyclase.4-5 P2Y11 receptor is highly expressed in the spleen and to a much lower extent in platelets. Expression of P2Y11 receptor was also shown in endothelial cells.6 In granulocytes HL-60), P2Y11 receptor is thought to have a role in granulocytic differentiation.4

Gene ID: 5032

UniProt: [Q96G91](#)

Pathways: [cAMP Metabolic Process](#)

Application Details

Application Notes: Antigen preadsorption control: 1 µg peptide per 1 µg antibody
Application Dilutions Immunohistochemistry paraffin embedded sections ihc: N/A
Application Dilutions Western blot wb: 1:200

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: 0.2 mL double distilled water (DDW).

Concentration: 1 mg/mL

Buffer: PBS pH 7.4

Storage: 4 °C, -20 °C

Handling

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 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).