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Datasheet for ABIN1394998

**anti-P2RY8 antibody (AA 131-230) (Alexa Fluor 488)**

## Overview

Quantity:	100 µL
Target:	P2RY8
Binding Specificity:	AA 131-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RY8 antibody is conjugated to Alexa Fluor 488
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human P2Y8
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	P2RY8
Alternative Name:	P2Y8 ( <a href="#">P2RY8 Products</a> )
Background:	Synonyms: P2RY8, P2Y receptor family member 8, P2RY8_HUMAN, P2Y purinoceptor 8, P2Y8,

## Target Details

Purinergic receptor P2Y G protein coupled 8.

Background: G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G-protein coupled receptors translate extracellular signals into intracellular signals (G-protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. P2RY8 (purinergic receptor P2Y, G-protein coupled, 8), also known as P2Y8, is a 359 amino acid multi-pass membrane protein that localizes to the cell membrane and belongs to the G protein-coupled receptor family. Expressed at low levels in lung, heart and kidney, P2RY8 may function as a receptor for purines that are coupled to G proteins and may also play a role in mental retardation.

Gene ID: 286530

UniProt: [Q86VZ1](#)

## Application Details

Application Notes: FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

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

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months