

Datasheet for ABIN1429590

**anti-P2RY8 antibody (AA 131-230) (PE)**[Go to Product page](#)

## Overview

|                      |                                              |
|----------------------|----------------------------------------------|
| Quantity:            | 100 µL                                       |
| Target:              | P2RY8                                        |
| Binding Specificity: | AA 131-230                                   |
| Reactivity:          | Human                                        |
| Host:                | Rabbit                                       |
| Clonality:           | Polyclonal                                   |
| Conjugate:           | This P2RY8 antibody is conjugated to PE      |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS) |

## 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, Purinergic receptor P2Y G protein coupled 8. |

## Target Details

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

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