

P2RY13 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2062a

Specification

P2RY13 Antibody - Product Information

Application	E, WB, FC
Primary Accession	O9BPV8
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	40.8kDa KDa

Description

The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is activated by ADP.

Immunogen

Purified recombinant fragment of human P2RY13 (AA: 1-49) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

P2RY13 Antibody - Additional Information

Gene ID 53829

Other Names

P2Y purinoceptor 13, P2Y13, G-protein coupled receptor 86, G-protein coupled receptor 94, P2RY13, GPR86, GPR94

Dilution

E~~1/10000
WB~~1/500 - 1/2000
FC~~1/200 - 1/400

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

P2RY13 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

P2RY13 Antibody - Protein Information

Name P2RY13

Synonyms GPR86, GPR94

Function

Receptor for ADP. Coupled to G(i)-proteins. May play a role in hematopoiesis and the immune system.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

Strong expression in spleen and adult brain. Lower expression in placenta, lung, liver, spinal cord, thymus, small intestine, uterus, stomach, testis, fetal brain, and adrenal gland. Not detected in pancreas, heart, kidney, skeletal muscle, ovary or fetal aorta. Clearly detected in lymph node and bone marrow, weakly detected in peripheral blood mononuclear cells (PBMC) and in peripheral blood leukocytes (PBL), but not detected in polymorphonuclear cells (PMN). In the brain, detected in all brain regions examined

P2RY13 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)