

# P2RY13 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO2023a

## Product Information

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<b>Application</b>	WB, FC, E
<b>Primary Accession</b>	<a href="#">Q9BPV8</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	6G12E10
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	40789
<b>Description</b>	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.
<b>Immunogen</b>	Purified recombinant fragment of human P2RY13 (AA: 1–49) expressed in E. Coli.
<b>Formulation</b>	Purified antibody in PBS with 0.05% sodium azide

## Additional Information

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<b>Gene ID</b>	53829
<b>Other Names</b>	P2Y purinoceptor 13, P2Y13, G-protein coupled receptor 86, G-protein coupled receptor 94, P2RY13, GPR86, GPR94
<b>Dilution</b>	WB~~1/500 - 1/2000 FC~~1/200 - 1/400 E~~1/10000
<b>Storage</b>	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.
<b>Precautions</b>	P2RY13 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	P2RY13
<b>Synonyms</b>	GPR86, GPR94
<b>Function</b>	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

## References

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J Cell Sci. 2012 Jan 1;125(Pt 1):176-88.J Pharmacol Exp Ther. 2002 May;301(2):705-13.

## Images

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