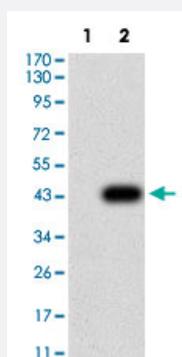


# P2RY1 monoclonal antibody, clone 4G5B7

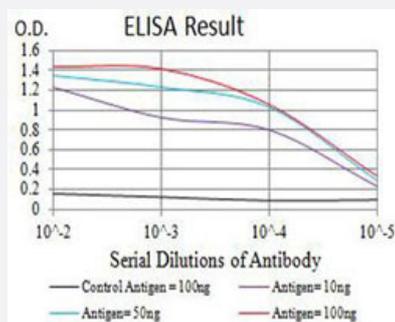
Catalog # MAB17958      Size 100 ug

## Applications



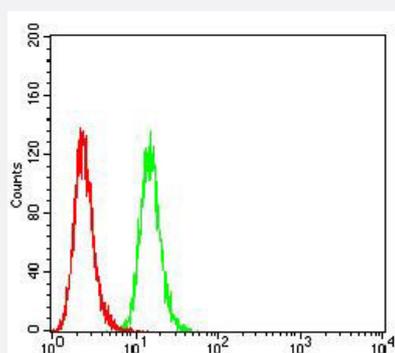
### Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: P2RY1-hlgGfc transfected HEK293 cell lysates with P2RY1 monoclonal antibody, clone 4G5B7 (Cat # MAB17958).



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis with P2RY1 monoclonal antibody, clone 4G5B7 (Cat # MAB17958).



### Flow Cytometry

Flow cytometric analysis of HeLa cells with P2RY1 monoclonal antibody, clone 4G5B7 (Cat # MAB17958) (Green). Red: Negative Control.

## Specification

### Product Description

Mouse monoclonal antibody raised against recombinant human P2RY1.

<b>Immunogen</b>	Recombinant protein corresponding to human P2RY1.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	42
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG2b
<b>Recommend Usage</b>	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: P2RY1-hlgGfc transfected HEK293 cell lysates with P2RY1 monoclonal antibody, clone 4G5B7 (Cat # MAB17958).

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## Gene Info — P2RY1

<b>Entrez GeneID</b>	<a href="#">5028</a>
<b>Protein Accession#</b>	<a href="#">P47900</a>
<b>Gene Name</b>	P2RY1

<b>Gene Alias</b>	P2Y1
<b>Gene Description</b>	purinergic receptor P2Y, G-protein coupled, 1
<b>Omim ID</b>	<a href="#">601167</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	<p>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 functions as a receptor for extracellular ATP and ADP. In platelets binding to ADP leads to mobilization of intracellular calcium ions via activation of phospholipase C, a change in platelet shape, and probably to platelet aggregation. [ provided by RefSeq</p>
<b>Other Designations</b>	ATP receptor P2 purinoceptor subtype Y1 P2Y purinoceptor 1 platelet ADP receptor purinergic receptor P2Y1

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [HIV Infections](#)
- [Vascular Diseases](#)