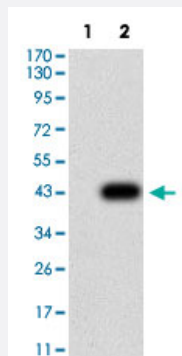


P2RY1 monoclonal antibody, clone 4G5D6

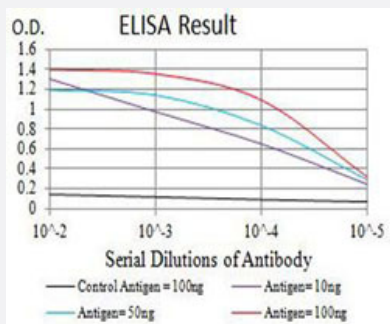
Catalog # MAB17957 Size 100 ug

Applications



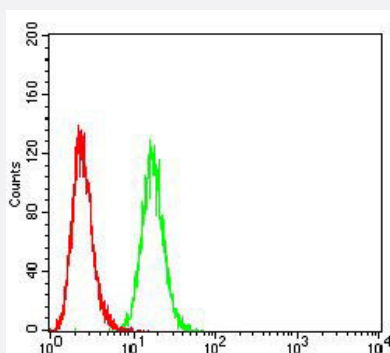
Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: P2RY1-hlgGfC transfected HEK293 cell lysates with P2RY1 monoclonal antibody, clone 4G5D6 (Cat # MAB17957).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with P2RY1 monoclonal antibody, clone 4G5D6 (Cat # MAB17957).



Flow Cytometry

Flow cytometric analysis of HeLa cells with P2RY1 monoclonal antibody, clone 4G5D6 (Cat # MAB17957) (Green). Red: Negative Control.

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human P2RY1.

Immunogen	Recombinant protein corresponding to human P2RY1.
Host	Mouse
Theoretical MW (kDa)	42
Reactivity	Human
Form	Liquid
Isotype	IgG2b
Recommend Usage	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.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	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 4G5D6 (Cat # MAB17957).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with P2RY1 monoclonal antibody, clone 4G5D6 (Cat # MAB17957).

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Gene Info — P2RY1

Entrez GeneID	5028
Protein Accession#	P47900
Gene Name	P2RY1

Gene Alias	P2Y1
Gene Description	purinergic receptor P2Y, G-protein coupled, 1
Omim ID	601167
Gene Ontology	Hyperlink
Gene Summary	<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>
Other Designations	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](#)