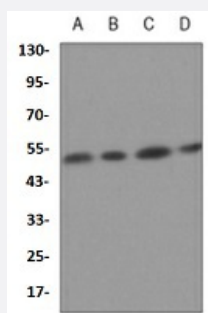


RecomAb™

P2RY12 recombinant monoclonal antibody

Catalog # RAB02600 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of A549 (A), HL60 (B), U251 (C), U87MG (D) whole cell lysates with P2RY12 recombinant monoclonal antibody (Cat # RAB02600).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human P2RY12.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide of human P2RY12.
Theoretical MW (kDa)	50
Reactivity	Human
Specificity	Recognizes endogenous levels of P2Y12 protein.
Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of A549 (A), HL60 (B), U251 (C), U87MG (D) whole cell lysates with P2RY12 recombinant monoclonal antibody (Cat # RAB02600).

- Immunoprecipitation

Gene Info — P2RY12

Entrez GeneID[64805](#)**Protein Accession#**[Q9H244](#)**Gene Name**

P2RY12

Gene Alias

ADPG-R, HORK3, P2T(AC), P2Y(AC), P2Y(ADP), P2Y(cyc), P2Y12, SP1999

Gene Description

purinergic receptor P2Y, G-protein coupled, 12

Omim ID[600515 609821](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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 involved in platelets aggregation, and is a potential target for the treatment of thromboembolisms and other clotting disorders. Two transcript variants encoding the same isoform have been identified for this gene. [provided by RefSeq]

Other Designations

ADP-glucose receptor|G-protein coupled receptor SP1999|Gi-coupled ADP receptor HORK3|P2Y purinoceptor 12|platelet ADP receptor|purinergic receptor P2RY12|purinergic receptor P2Y12|putative G-protein coupled receptor

Disease

- [Acute Disease](#)
- [Alzheimer disease](#)
- [Angina Pectoris](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Diseases](#)
- [Intraoperative Complications](#)
- [Ischemia](#)
- [Kidney Failure](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Peripheral Vascular Diseases](#)
- [Pulmonary Embolism](#)

- [Renal Insufficiency](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)