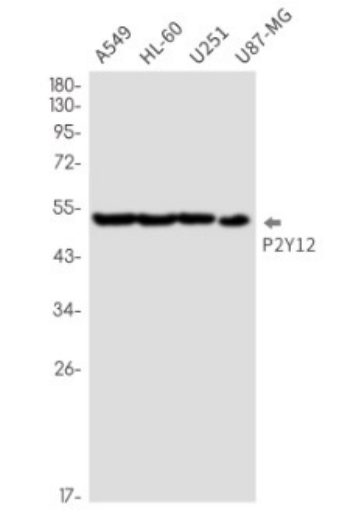
RecomAb™

P2RY12 recombinant monoclonal antibody, clone R02-2E1

Catalog # RAB01391 Size 100 uL

Applications



Western Blot

Western Blot analysis of A549, HL-60, U251, U87-MG lysates with P2RY12 recombinant monoclonal antibody, clone R02-2E1 (Cat # RAB01391).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human P2RY12.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human P2RY12.
Theoretical MW (kDa)	Calculated MW: 39 kD
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunoprecipitation
- Western Blot

  Western Blot analysis of A549, HL-60, U251, U87-MG lysates with P2RY12 recombinant monoclonal antibody, clone R02-2E1 (Cat # RAB01391).

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 sev eral receptor subtypes with different pharmacological selectivity, which overlaps in some cases, f or various adenosine and uridine nucleotides. This receptor is involved in platelets aggregation, a nd is a potential target for the treatment of thromboembolisms and other clotting disorders. Two tr anscript variants encoding the same isoform have been identified for this gene. [provided by RefS eq
Other Designations	ADP-glucose receptor|G-protein coupled receptor SP1999|Gi-coupled ADP receptor HORK3|P2 Y purinoceptor 12|platelet ADP receptor|purinergic receptor P2RY12|purinergic receptor P2Y12|p utative G-protein coupled receptor

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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

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- Peripheral Vascular Diseases
- Pulmonary Embolism
- Renal Insufficiency
- Stroke
- Tobacco Use Disorder
- Venous Thrombosis
- Werner syndrome

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