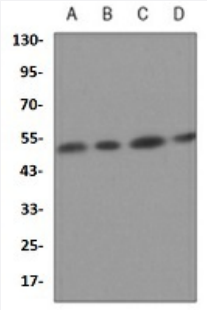
RecomAb™ Sm Size

P2RY12 recombinant monoclonal antibody

Catalog # RAB09269 Size 50 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 # RAB09269).

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
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000)

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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 shoul d 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 # RAB09269).

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

Disease

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- 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

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- Renal Insufficiency
- Stroke
- Tobacco Use Disorder
- Venous Thrombosis
- Werner syndrome

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