

P2RY11 Antibody

Catalog No: #31254

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Description

Product Name	P2RY11 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total P2RY11 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 361-374 amino acids of Human purinergic receptor P2Y, G-protein coupled, 11
Target Name	P2RY11
Other Names	purinergic receptor P2Y, G-protein coupled, 11, P2Y11
Accession No.	Swiss-Prot:Q96G91Gene ID:5032;
Uniprot	Q96G91
GeneID	5032;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

Application Details

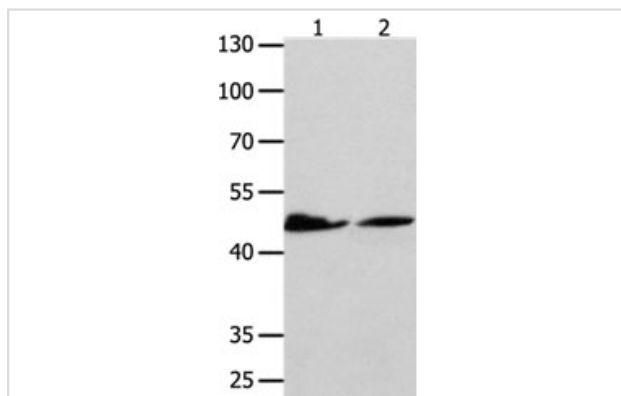
Predicted MW: 40kd

ELISA: 1:1000-1:5000

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:25-1:100

Images



Gel: 10%SDS-PAGE

Lane1: Hela cell lysate

Lane2: 293T cell lysate

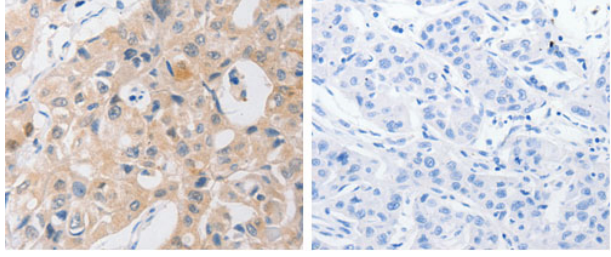
Lysates: 40 ug per lane

Primary antibody: 1/500 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at

1/10000 dilution

Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 31254 (P2RY11 Antibody) at dilution 1/40, on the right is treated with the synthetic peptide.

Background

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 coupled to the stimulation of the phosphoinositide and adenylyl cyclase pathways and behaves as a selective purinoceptor. Naturally occurring read-through transcripts, resulting from intergenic splicing between this gene and an immediately upstream gene (PPAN, encoding peter pan homolog), have been found. The PPAN-P2RY11 read-through mRNA is ubiquitously expressed and encodes a fusion protein that shares identity with each individual gene product.

Note: This product is for in vitro research use only