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ARG44333
anti-P2RY2 antibody

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes P2RY2
Tested Reactivity	Hu, Ms, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	P2RY2
Species	Human
Immunogen	Synthetic peptide
Conjugation	Un-conjugated
Alternate Names	P2RY2; Purinergic Receptor P2Y2; P2U; Purinergic Receptor P2Y, G-Protein Coupled, 2; P2Y Purinoceptor 2; P2U Purinoceptor 1; P2U Receptor 1; ATP Receptor; P2RU1; P2U1; P2Y2; P2U Nucleotide Receptor; Purinergic Receptor; Purinoceptor P2Y2; P2Y2R; HP2U; P2UR

Application Instructions

Application table

Application	Dilution
IHC-P	1:100-1:200
WB	1:500-1:1000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Antigen Affinity Purified
Buffer	PBS with 0.02% Sodium azide
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	P2RY2

Gene Full Name	purinergic receptor P2Y, G-protein coupled, 2
Background	The product of this gene belongs to the family of P2 receptors, which is activated by extracellular nucleotides and subdivided into P2X ligand-gated ion channels and P2Y 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, found on many cell types, is activated by ATP and UTP and is reported to be overexpressed on some cancer cell types. It is involved in many cellular functions, such as proliferation, apoptosis and inflammation. Three transcript variants encoding the same protein have been identified for this gene.
Calculated Mw	42 kDa
PTM	Disulfide bond, Glycoprotein
Cellular Localization	Cell membrane, Membrane