



# P2RY2 Monoclonal Antibody

Catalog No	BYmab-07528
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB
Gene Name	P2RY2 P2RU1
Protein Name	P2Y purinoceptor 2 (P2Y2) (ATP receptor) (P2U purinoceptor 1) (P2U1) (Purinergic receptor)
Immunogen	Synthesized peptide derived from human protein . at AA range: 180-260
Specificity	P2RY2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	41kD
Cell Pathway	Cell membrane; Multi-pass membrane protein.
Tissue Specificity	Spleen, testis, kidney, liver, lung, heart and brain.
Function	function:Receptor for ATP and UTP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system. The affinity range is UTP = ATP > ATP-gamma-S >> 2-methylthio-ATP = ADP.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Spleen, testis, kidney, liver, lung, heart and brain.,
Background	purinergic receptor P2Y2(P2RY2) Homo sapiens 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

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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. [provided by RefSeq, Mar 2013],

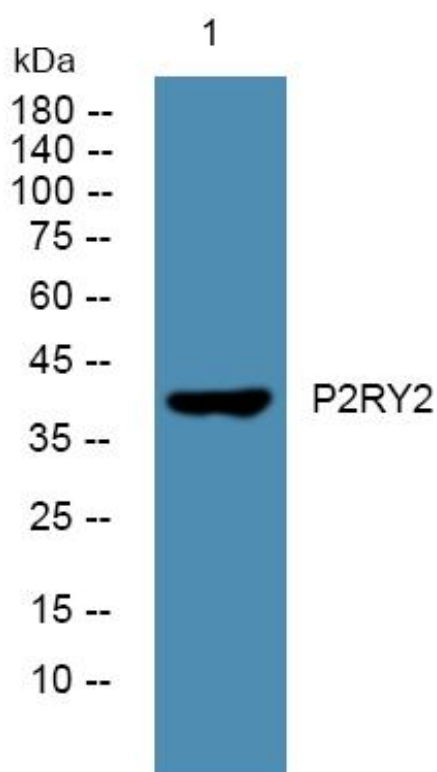
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using P2RY2 Monoclonal Antibody