



# P2Y4 Monoclonal Antibody

<b>Catalog No</b>	BYmab-13653
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	P2RY4
<b>Protein Name</b>	P2Y purinoceptor 4
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human P2RY4. AA range:159-208
<b>Specificity</b>	P2Y4 Monoclonal Antibody detects endogenous levels of P2Y4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	P2RY4; NRU; P2Y purinoceptor 4; P2Y4; P2P; Uridine nucleotide receptor; UNR
<b>Observed Band</b>	41kD
<b>Cell Pathway</b>	Cell membrane; Multi-pass membrane protein.
<b>Tissue Specificity</b>	Pancreas.
<b>Function</b>	function:Receptor for UTP and UDP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system. Not activated by ATP or ADP.,PTM:Phosphorylation of Ser-333 and Ser-334 is a key step in agonist-dependent desensitization and loss of surface P2RY4. This phosphorylation does not involve PKC, nor other calcium activated kinases.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Pancreas.,
<b>Background</b>	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

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nucleotides. This receptor is responsive to uridine nucleotides, partially responsive to ATP, and not responsive to ADP. [provided by RefSeq, Jul 2008],

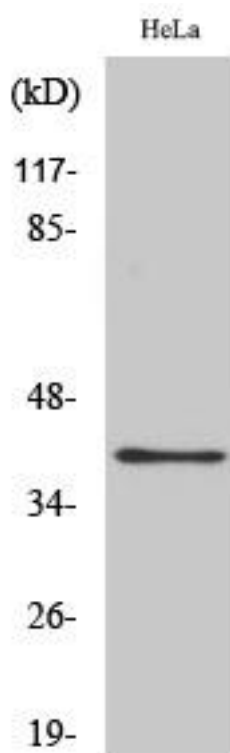
**matters needing attention**

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 P2Y4 Monoclonal Antibody