

Product Name: P2RY4 Mouse Monoclonal Antibody**Catalog #: AMM81957**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC, ICC, ELISA, FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:200-1:1000, ICC 1:100-1:500, ELISA 1:5000-1:20000, FC 1:200-1:400
Molecular Weight	41kDa

Antigen Information

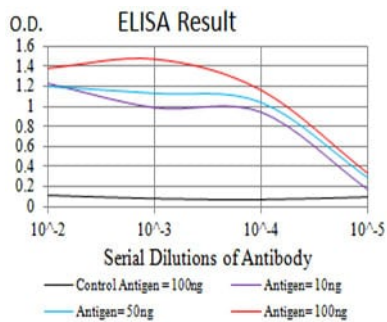
Gene Name	P2RY4
Alternative Names	NRU; P2P; UNR; P2Y4
Gene ID	5030.0
SwissProt ID	P51582
Immunogen	Purified recombinant fragment of human P2RY4 (AA: extra mix) expressed in E. Coli.

Background

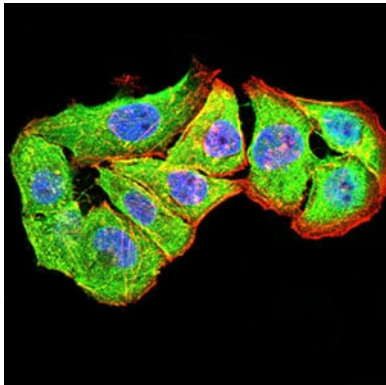
The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is responsive to uridine nucleotides, partially responsive to ATP, and not responsive to ADP.

Research Area

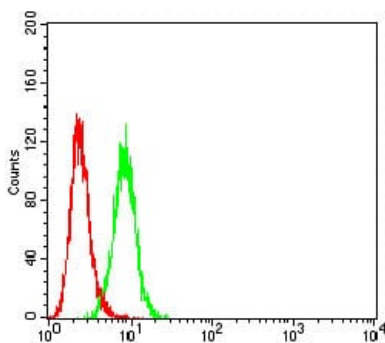
Image Data



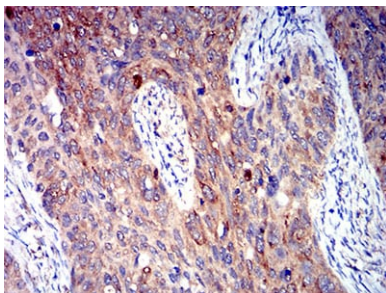
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



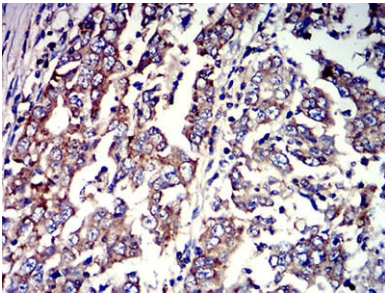
Immunofluorescence analysis of HeLa cells using P2RY4 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of HeLa cells using P2RY4 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using P2RY4 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using P2RY4 mouse mAb with DAB staining.