

DATASHEET

P2Y4 Mouse Monoclonal Antibody(C2885)

CAT. NO. AMA02497

KEY FEATURES

Target	P2Y4	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Receptor for UTP and UDP coupled to G-proteins that activate a phosphatidylinositol-calcium second messenger system. Not activated by ATP or ADP.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:100 - 1:500

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to P2Y4
Specificity	Recognizes endogenous levels of P2Y4 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human P2Y4 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 41 kD; Observed: 43 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	NRU; P2Y purinoceptor 4; P2Y4; P2P; Uridine nucleotide receptor; UNR
Gene Symbol	P2RY4
Entrez Gene	5030(Human)
SwissProt	P51582(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

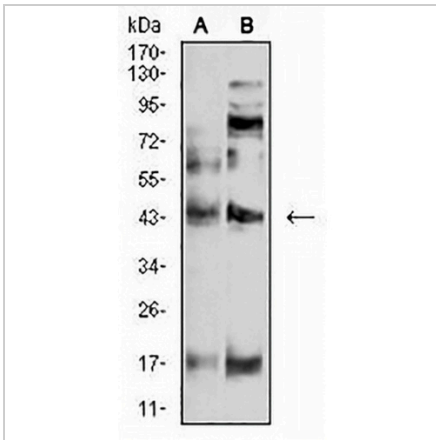
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

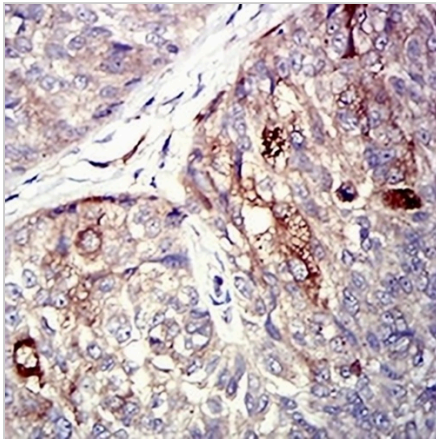
P2Y4 Mouse Monoclonal Antibody(C2885)

CAT. NO. AMA02497

DATA



Western blot analysis of P2Y4 expression in SW620 (A), A549 (B) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 43 kD)



Immunohistochemical analysis of P2Y4 staining in human bladder cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.