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Datasheet for ABIN6944380 **anti-P2RY6 antibody**

Overview

Quantity:	100 µL
Target:	P2RY6
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This P2RY6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Synthetic peptide corresponding to N-terminal human P2Y6.
Clone:	8H2
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	P2RY6
Alternative Name:	P2Y6 (P2RY6 Products)
Background:	Synonyms: P2Y purinoceptor 6, P2Y6, P2RY6

Target Details

Background: P2Y6 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 UDP, partially responsive to UTP and ADP, and not responsive to ATP. Four transcript variants encoding the same isoform have been identified for this gene. Receptor for extracellular UDP > UTP > ATP. The activity of this receptor is mediated by G proteins which activate a phosphatidylinositol-calcium second messenger system.

Gene ID: 5031

UniProt: [Q15077](#)

Pathways: [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store at 4°C for up to 2 weeks. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 12 months