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Datasheet for ABIN7043593 anti-P2RY6 antibody (Extracellular, Loop 2) (PE)



Images

Overview	
Quantity:	50 μL
Target:	P2RY6
Binding Specificity:	AA 172-186, Extracellular, Loop 2
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This P2RY6 antibody is conjugated to PE
Application:	Flow Cytometry (FACS)
Product Details	
Immunogen:	Immunogen: Synthetic peptide
	Immunogen Sequence: (C)RNRTV(S)YDLSPPILS, corresponding to amino acid residues 172 -
	186 of mouse P2RY6

Isotype:IgGCharacteristics:Anti-P2Y6 Receptor (extracellular) Antibody (ABIN7043591, ABIN7045140 and ABIN7045141))is a highly specific antibody directed against an extracellular epitope of the mouse protein. The
antibody can be used in western blot, immunohistochemistry, and indirect flow cytometry
applications. It has been designed to recognize P2RY6 from human, rat, and mouse samples.
\nAnti-P2Y6 Receptor (extracellular)-PE Antibody (ABIN7043593, ABIN7045698, ABIN7045699
and ABIN7045700)) is directly conjugated to the Phycoerythrin (PE) fluorophore. This
conjugated antibody has been developed to be used in immunofluorescent applications such
as direct flow cytometry and live cell imaging.

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Product Details

Purification:

Affinity purified on immobilized antigen.

Target Details

Target:	P2RY6
Alternative Name:	P2Y6 Receptor (P2RY6 Products)
Background:	Alternative names: P2Y purinoceptor 6, P2RY6
Gene ID:	42405
NCBI Accession:	NM_001277204
UniProt:	Q15077
Pathways:	Smooth Muscle Cell Migration

Application Details

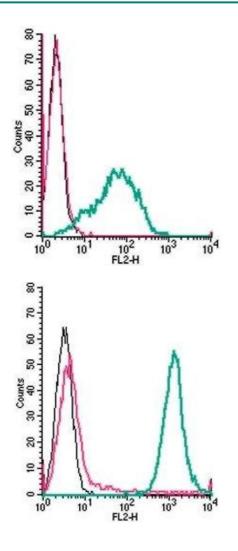
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	50 µL double distilled water (DDW).
Concentration:	1 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. Storage after reconstitution: The reconstituted solution can be stored at 4°C, protected from the light, for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5

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Flow Cytometry

Image 1. Cell surface detection of P2Y6 by direct flow cytometry in live intact mouse BV-2 microglia cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-PE.(green line) Cells + Anti-P2Y6 Receptor (extracellular)-PE Antibody ((ABIN7043593, ABIN7045698, ABIN7045699 and ABIN7045700), 2.5 µg.

Flow Cytometry

Image 2. Cell surface detection of P2Y6 by direct flow cytometry in live intact mouse J774 macrophage cells: (black line) Cells.(red line) Cells + Rabbit IgG isotype control-PE.(green line) Cells + Anti-P2Y6 Receptor (extracellular)-PE Antibody ((ABIN7043593, ABIN7045698, ABIN7045699 and ABIN7045700), 2.5 µg.

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