

Human P2Y10/P2RY10 Alexa Fluor® 405-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 639329

Catalog Number: FAB10158V

100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human P2RY10 in Flow Cytometry and Immunohistochemistry.
Source	Monoclonal Mouse IgG _{2B} Clone # 639329
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human P2RY10 Accession # O00398
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	HEK293 Human Cell Line Transfected with Human P2Y10/P2RY10 and eGFP

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

P2Y receptors are a family of purinergic G protein-coupled receptors which belong to the class A family of GPCRs. They are membrane proteins, preferentially activated by nucleotides such as ADP, ATP, UTP, UDP and UDP-glucose. This P2Y receptor is thought to be a receptor for purines. While there is little known about the activity of this specific receptor, P2Y receptors mediate various biological functions such as vasodilation, blood clotting and immune responses.

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