

Anti-P2Y8 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 41 kDa. Actual: 50 kDa.
Purification:	Protein A purified

Applications

1. Blank control: HL60.

Primary Antibody (green line): Rabbit Anti-P2Y8 antibody (TMAB-09864)

Dilution: 2 μg / 10^6 cells;

Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody (blue line): Goat anti-rabbit IgG-AF488

Dilution: 1 μg /test.

Protocol

The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature.

The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

2. Blank control: Raji.

Primary Antibody (green line): Rabbit Anti-P2Y8 antibody (TMAB-09864)

Dilution: 2 μg / 10^6 cells;

Isotype Control Antibody (orange line): Rabbit IgG.

Secondary Antibody: Goat anti-rabbit IgG-AF488

Dilution: 1 μg /test.

Protocol

The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature.

The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

3. Sample: Raji Cell (Human) Lysate at 30 μg

Primary: Anti-P2Y8 (TMAB-09864) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 66 kD

Observed band size: 50 kD

Application: WB,FCM

Recommended WB: 1:500-2000; FCM: 2 μg /Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human P2Y8

Antigen Species: Human

Gene ID: 286530

Uniprot ID: Q86VZ1

Research Background

G protein-coupled receptors (GPRs), also known as seven transmembrane receptors, heptahelical receptors or 7TM receptors, comprise a superfamily of proteins that play a role in many different stimulus-response pathways. G-protein coupled receptors translate extracellular signals into intracellular signals (G-protein activation) and they respond to a variety of signaling molecules, such as hormones and neurotransmitters. P2RY8 (purinergic receptor P2Y, G-protein coupled, 8), also known as P2Y8, is a 359 amino acid multi-pass membrane protein that localizes to the cell membrane and belongs to the G protein-coupled receptor family. Expressed at low levels in lung, heart and kidney, P2RY8 may function as a receptor for purines that are coupled to G proteins and may also play a role in mental retardation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481