

Anti-P2Y12 Antibody

Catalog # AP95987

Product Information

Application	WB, FC
Primary Accession	Q9H244
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	39439

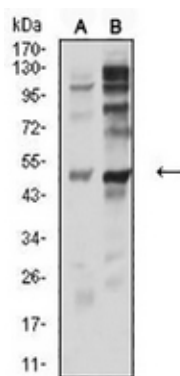
Additional Information

Gene ID	64805
Other Names	HORK3; P2Y purinoceptor 12; P2Y12; ADP-glucose receptor; ADPG-R; P2T(AC); P2Y(AC); P2Y(cyc); P2Y12 platelet ADP receptor; P2Y(ADP); SP1999
Target/Specificity	Recombinant fusion protein of human P2Y12 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

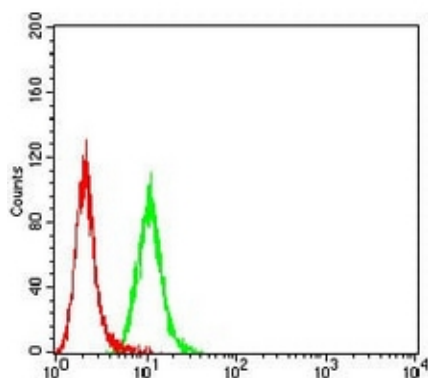
Protein Information

Name	P2RY12
Synonyms	HORK3
Function	Receptor for ADP and ATP coupled to G proteins that inhibit the adenylyl cyclase second messenger system. Not activated by UDP and UTP. Required for normal platelet aggregation and blood coagulation.
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Highly expressed in the platelets, lower levels in the brain. Lowest levels in the lung, appendix, pituitary and adrenal gland. Expressed in the spinal cord and in the fetal brain

Images



Western blot analysis of P2Y12 expression in PC3 (A), C6 (B) whole cell lysates. (Predicted band size: 39 kD; Observed band size: 50 kD)



Flow cytometric analysis of HeLa cells using Anti-P2Y12 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.