ARG67282
anti-P2Y12 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody recognizes P2Y12
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IP, WB
Host	Rabbit
Clonality	Monoclonal
Isotype	IgG,Kappa
Target Name	P2Y12
Conjugation	Un-conjugated
Alternate Names	P2RY12; Purinergic Receptor P2Y12; SP1999; P2Y12; HORK3; Purinergic Receptor P2Y, G-Protein Coupled, 12; P2Y12 Platelet ADP Receptor; ADP-Glucose Receptor; P2Y Purinoceptor 12; P2Y(ADP) ; P2Y(Cyc); P2T(AC) ; P2Y(AC) ; ADPG-R; Putative G-Protein Coupled Receptor; G-Protein Coupled Receptor SP1999; Gi-Coupled ADP Receptor HORK3; Purinergic Receptor P2RY12; P2Y(12)R; BDPLT8

Application Instructions

Application table

Application	Dilution
ICC/IF	1:200 - 1:1000
IP	1:50 - 1:200
WB	1:2000 - 1:10000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

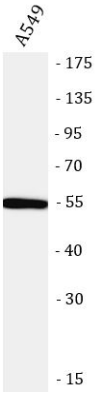
Properties

Form	Liquid
Purification	Purification with Protein A
Buffer	PBS, 0.05% Proclin 300, 50% glycerol and 0.05% BSA
Preservative	0.05% Proclin 300
Stabilizer	50% glycerol and 0.05% BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

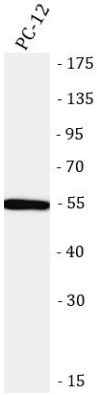
Gene Symbol	P2RY12
Gene Full Name	Purinergic Receptor P2Y12
Background	The product of this gene belongs to the family of G-protein coupled receptors. This family has several receptor subtypes with different pharmacological selectivity, which overlaps in some cases, for various adenosine and uridine nucleotides. This receptor is involved in platelet aggregation, and is a potential target for the treatment of thromboembolisms and other clotting disorders. Mutations in this gene are implicated in bleeding disorder, platelet type 8 (BDPLT8). Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]
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. [UniProt]
Calculated Mw	39 kDa

Images



ARG67282 anti-P2Y12 antibody WB image

Western blot: A549 stained with ARG67282 anti-P2Y12 antibody.



ARG67282 anti-P2Y12 antibody WB image

Western blot: PC-12 stained with ARG67282 anti-P2Y12 antibody.