



Rabbit Anti-Human P2Y12 monoclonal antibody, clone 5I6M20 (CABT-L1509)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Cat, Dog
Target	P2RY12
Immunogen	Peptides corresponding to human P2Y12 [1] aa323-aa342, 2) aa119-aa138]
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	5I6M20
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction	P2Y12 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 platelets aggregation, and is a potential target for the treatment of thromboembolisms and other clotting disorders. Two transcript variants encoding the same isoform have been identified for this gene. Expression of P2Y12 has been reported in platelets, spinal cord, and many brain regions. ESTs for P2Y12 have been isolated from B-cell/lung/testis, brain, embryo, prostate, eye, kidney carcinoma, and colon carcinoma libraries.
Keywords	P2RY12;purinergic receptor P2Y, G-protein coupled, 12;HORK3;P2Y12;ADPG-R;BDPLT8;SP1999;P2T(AC);P2Y(AC);P2Y(12)R

GENE INFORMATION

Entrez Gene ID	64805
UniProt ID	Q9H244
