



Anti-F2RL2 monoclonal antibody (DCABH-11476)

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

PRODUCT INFORMATION

Antigen Description	Coagulation factor II (thrombin) receptor-like 2 (F2RL2) is a member of the large family of 7-transmembrane-region receptors that couple to guanosine-nucleotide-binding proteins. F2RL2 is also a member of the protease-activated receptor family and activated by thrombin. F2RL2 is activated by proteolytic cleavage of its extracellular amino terminus. The new amino terminus functions as a tethered ligand and activates the receptor. F2RL2 is a cofactor for F2RL3 activation by thrombin. It mediates thrombin-triggered phosphoinositide hydrolysis and is expressed in a variety of tissues.
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Immunogen	A synthetic peptide of human F2RL2 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	F2RL2 coagulation factor II (thrombin) receptor-like 2 [Homo sapiens]
Official Symbol	F2RL2
Synonyms	F2RL2; coagulation factor II (thrombin) receptor-like 2; proteinase-activated receptor 3; PAR3; proteinase activated receptor 3; thrombin receptor-like 2; protease-activated receptor 3; proteinase-activated receptor-3; Coagulation factor II receptor-like 2 (protease-actovated receptor 3); PAR-3; FLJ51933;
Entrez Gene ID	2151
Protein Refseq	NP_001243495
UniProt ID	O00254
Chromosome Location	5q13
Pathway	CDC42 signaling events, organism-specific biosystem; Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; ErbB1 downstream signaling, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem.
Function	G-protein coupled receptor activity; phosphatidylinositol phospholipase C activity; protein binding; receptor activity; signal transducer activity; thrombin receptor activity;