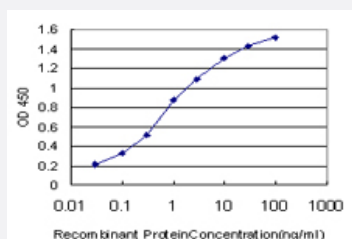


F2RL3 monoclonal antibody (M01), clone 5F4

Catalog # H00009002-M01

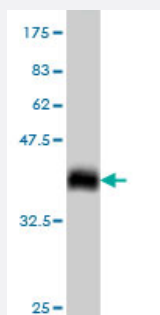
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged F2RL3 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (32.89 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant F2RL3.

Immunogen

F2RL3 (NP_003941, 18 a.a. ~ 82 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

GGTQTPSVYDESGSTGGGDDSTPSILPAPRGYPGQVCANDSDTLELPDSSRALLLGWVPTRLVPA

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (60); Rat (57)

Isotype

IgG1 Kappa

Quality Control TestingAntibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (32.89 KDa) .**Storage Buffer**

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged F2RL3 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — F2RL3

Entrez GeneID[9002](#)**GeneBank Accession#**[NM_003950](#)**Protein Accession#**[NP_003941](#)**Gene Name**

F2RL3

Gene Alias

PAR4

Gene Description

coagulation factor II (thrombin) receptor-like 3

Omim ID[602779](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

Coagulation factor II (thrombin) receptor-like 3 (F2RL3) is a member of the large family of 7-trans membrane-region receptors that couple to guanosine-nucleotide-binding proteins. F2RL3 is also a member of the protease-activated receptor family. F2RL3 is activated by proteolytic cleavage of its extracellular amino terminus. The new amino terminus functions as a tethered ligand and activates the receptor. F2RL3 is activated by thrombin and trypsin. [provided by RefSeq]

Other Designations

protease-activated receptor-4|proteinase-activated receptor-4

Publication Reference

- [A cluster of aspartic residues in the extracellular loop II of PAR 4 is important for thrombin interaction and activation of platelets.](#)

Sánchez Centellas D, Gudlur S, Vicente-Carrillo A, Ramström S, Lindahl TL.

Thrombosis Research 2017 Apr; 154:84.

Application: WB, Antibody

- [Polymorphism in the protease activated receptor-4 gene region associates with platelet activation and perioperative myocardial injury.](#)

Muehlschlegel JD, Perry TE, Liu KY, Fox AA, Smith S, Lichtner P, Collard CD, Sherman SK, Hartwig JH, Body SC, Hoffmeister KM.

American Journal of Hematology 2012 Feb; 87(2):161.

Application: Flow Cyt, Human, Platelet

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Kidney Failure](#)