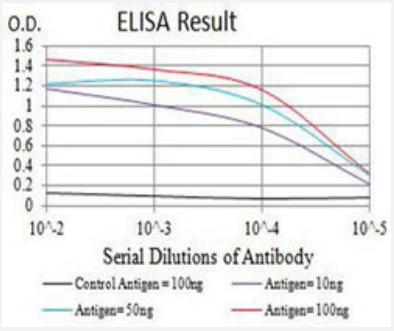
F2R monoclonal antibody, clone 5E2G12

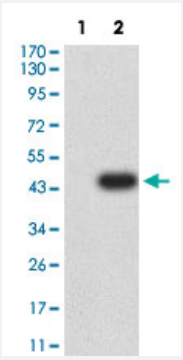
Catalog # MAB17954 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with F2R monoclonal antibody, clone 5E2G12 (Cat # MAB17954).



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: F2R-hIgGFc transfected HEK293 cell lysates with F2R monoclonal antibody, clone 5E2G12 (Cat # MAB17954).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human F2R.
Immunogen	Recombinant protein corresponding to amino acids 42-176 of human F2R.
Host	Mouse
Theoretical MW (kDa)	47.4
Reactivity	Human
Form	Liquid

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Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis with F2R monoclonal antibody, clone 5E2G12 (Cat # MAB17954).

- Western Blot (Transfected lysate)

  Western Blot analysis of Lane 1: HEK293 and Lane 2: F2R-hIgGFc transfected HEK293 cell lysates with F2R monoclonal antibody, clone 5E2G12 (Cat # MAB17954).

Gene Info — F2R

Entrez GeneID	2149
Protein Accession#	P25116
Gene Name	F2R
Gene Alias	CF2R, HTR, PAR1, TR
Gene Description	coagulation factor II (thrombin) receptor
Omim ID	187930
Gene Ontology	Hyperlink
Gene Summary	Coagulation factor II receptor is a 7-transmembrane receptor involved in the regulation of thrombo tic response. Proteolytic cleavage leads to the activation of the receptor. F2R is a G-protein coupl ed receptor family member. [provided by RefSeq
Other Designations	coagulation factor II receptor|protease-activated receptor 1|thrombin receptor

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Pathway

- Calcium signaling pathway
- Complement and coagulation cascades
- Endocytosis
- Neuroactive ligand-receptor interaction
- Regulation of actin cytoskeleton

Disease

- Asthma
- Cardiovascular Diseases
- Coronary Disease
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hypertension
- Myocardial Infarction
- Premature Birth

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