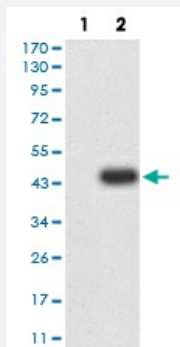


F2R monoclonal antibody, clone 5E2E6

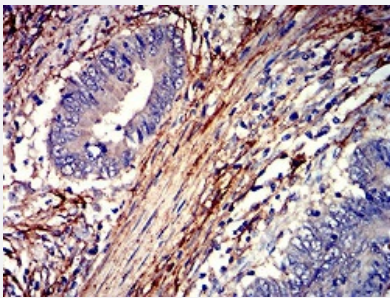
Catalog # MAB17583 Size 100 ug

Applications



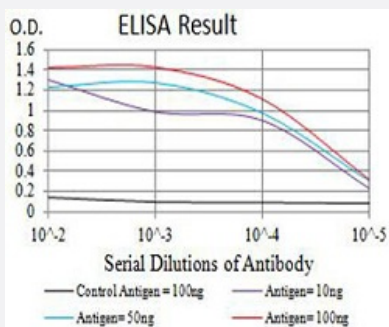
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) F2R-hlgGfc transfected HEK293 cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded rectum cancer tissues with F2R monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of F2R monoclonal antibody, clone 5E2E6.

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human F2R.

Immunogen

Recombinant protein corresponding to amino acid 42-176 of human F2R from *E. coli*.

Host	Mouse
Theoretical MW (kDa)	47.4
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry Flow Cytometry Immunohistochemistry (1:200-1:1000) 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 should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) F2R-hlgGfc transfected HEK293 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded rectum cancer tissues with F2R monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of F2R monoclonal antibody, clone 5E2E6.

Gene Info — F2R

Entrez GeneID	2149
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 thrombotic response. Proteolytic cleavage leads to the activation of the receptor. F2R is a G-protein coupled receptor family member. [provided by RefSeq]

Other Designations coagulation factor II receptor|protease-activated receptor 1|thrombin receptor

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](#)