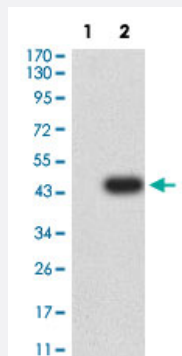


# F2R monoclonal antibody, clone 5E2E6

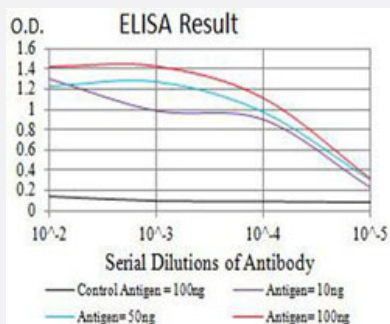
Catalog # MAB17953      Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: F2R-hlgGfC transfected HEK293 cell lysates with F2R monoclonal antibody, clone 5E2E6 (Cat # MAB17953).



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis with F2R monoclonal antibody, clone 5E2E6 (Cat # MAB17953).

## 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                                                                  |

|                     |                                                                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype             | IgG1                                                                                                                                                                                        |
| Recommend Usage     | ELISA (1:10000)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)<br>Western Blot (1:100-1:500)<br>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.<br>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 Lane 1: HEK293 and Lane 2: F2R-hlgGFc transfected HEK293 cell lysates with F2R monoclonal antibody, clone 5E2E6 (Cat # MAB17953).

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

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis with F2R monoclonal antibody, clone 5E2E6 (Cat # MAB17953).

## Gene Info — F2R

|                    |                                                                                                                                                                                                                                                       |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">2149</a>                                                                                                                                                                                                                                  |
| Protein Accession# | <a href="#">P25116</a>                                                                                                                                                                                                                                |
| Gene Name          | F2R                                                                                                                                                                                                                                                   |
| Gene Alias         | CF2R, HTR, PAR1, TR                                                                                                                                                                                                                                   |
| Gene Description   | coagulation factor II (thrombin) receptor                                                                                                                                                                                                             |
| Omim ID            | <a href="#">187930</a>                                                                                                                                                                                                                                |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                             |
| 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](#)