

Anti-F2 Monoclonal Antibody

Product Details

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|-------------------|-----------------------------|
| Ig Type: | Rabbit monoclonal IgG |
| Reactivity: | Human |
| Conjugation: | Unconjugated |
| Molecular Weight: | 150 kDa |
| Purification: | Protein A Affinity Purified |

Applications

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|--------------------|---|
| Verified Activity: | Flow cytometry analysis of F2 overexpressed 448F cells with TMAZ-0378, followed by goat anti-rabbit IgG-ABflo 647 (red line). The isotype control is rabbit IgG (black line). |
| Application: | ELISA, FCM |
| Recommended | 0.1-0.2 µg/10E6 cells for FCM; 1 ng/µl for ELISA |

Properties

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|----------------------|---|
| Purity: | > 95% as determined by SDS-PAGE. |
| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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|------------------|-----------------------------------|
| Immunogen: | F2 |
| Antigen Species: | Human |
| Gene ID: | 2147 |
| Uniprot ID: | P00734 |
| Synonyms: | Coagulation factor II;Prothrombin |
| Biology Area: | Drug Target |

Research Background

Thrombin, which cleaves bonds after Arg and Lys, converts fibrinogen to fibrin and activates factors V, VII, VIII, XIII, and, in complex with thrombomodulin, protein C. Functions in blood homeostasis, inflammation and wound healing. Thrombin triggers the production of pro-inflammatory cytokines, such as MCP-1/CCL2 and IL8/CXCL8, in endothelial cells (PubMed:30568593, PubMed:9780208)

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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