10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# Anti-F9 / Factor IX Reference Antibody (emicizumab)

Recombinant Antibody
Catalog # APR10538

## Product Information

| | |
|---|---|
| **Application** | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| **Primary Accession** | P00740 |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG4SP |
| **Calculated MW** | 51778 |

## Additional Information

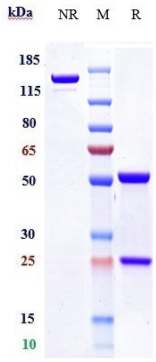
| | |
|---|---|
| **Target/Specificity** | F9 / Factor IX |
| **Endotoxin** | |
| **Conjugation** | Unconjugated |
| **Expression system** | CHO |
| **Format** | Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column. |

## Protein Information

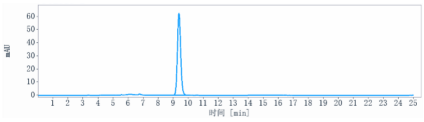
| | |
|---|---|
| **Name** | F9 |
| **Function** | Factor IX is a vitamin K-dependent plasma protein that participates in the intrinsic pathway of blood coagulation by converting factor X to its active form in the presence of Ca(2+) ions, phospholipids, and factor VIIIa (PubMed:8295821, PubMed:2592373, PubMed:20121197, PubMed:20121198, PubMed:1730085, PubMed:19846852, PubMed:39880037). |
| **Cellular Location** | Secreted |
| **Tissue Location** | Detected in blood plasma (at protein level) (PubMed:19846852, PubMed:2592373, PubMed:3857619, PubMed:8295821, PubMed:9169594). Synthesized primarily in the liver and secreted in plasma. |

## Images

Anti-F9 / Factor IX Reference Antibody (emicizumab) on SDS-PAGE under reducing (R) condition. The purity of the




protein is greater than 95%.



The purity of Anti-F9 / Factor IX Reference Antibody (emicizumab) is 100%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.