

[Open Peer Review on Qeios](#)

# Emicizumab

National Cancer Institute

## Source

National Cancer Institute. *Emicizumab*. NCI Thesaurus. Code C159541.

A humanized, immunoglobulin G4 (IgG4), bispecific monoclonal antibody against both the activated coagulation factor IX (FIXa) and factor X (FX) that can be used for the treatment of hemophilia A (HA). Upon administration, emicizumab targets and binds to both the FIXa and to FX, thereby bridging FIXa and FX, activating FX, and allowing for the activation and continuation of the coagulation cascade. FX is normally activated by coagulation factor VIII (FVIII); FVIII is missing in HA patients.