

Product Name

Anti-FabRICATOR® Monoclonal 0.1 ml [1 mg/ml]

Product Number

A3-AF4-010

Product Description

A purified mouse IgG1 monoclonal antibody targeting the FabRICATOR enzyme, provided in 10 mM sodium phosphate, 150 mM NaCl, pH 7.4 with no preservatives added. Supplied as a frozen solution with a concentration of 1 mg/ml. Can be used in pair with Anti-FabRICATOR Monoclonal Biotin Conjugated (A3-AF5-005).

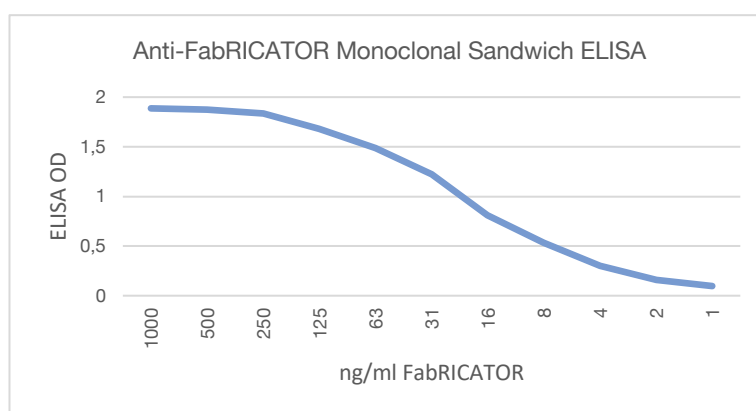
Background

FabRICATOR (IdeS) is an IgG-specific cysteine protease that digests antibodies at a single amino acid site below the hinge, generating homogenous F(ab')₂ and Fc fragments. FabRICATOR is cloned from *Streptococcus pyogenes* and recombinantly expressed in *E.coli*. FabRICATOR is produced by Genovis AB for analytical and biotech applications requiring the highest standards and consistency.

Anti-FabRICATOR Monoclonal is produced by mouse hybridoma *in vitro* and purified.

Application Example

The monoclonal antibodies are qualified for ELISA to detect the FabRICATOR enzyme. In this ELISA, the wells were coated with Anti-FabRICATOR Monoclonal at 4 µg/ml and the FabRICATOR enzyme was added in dilutions from 1 µg/ml to 1 ng/ml. Anti-FabRICATOR Monoclonal Biotin Conjugated (A3-AF5-005) was used at 2 µg/ml. HRP-Streptavidin was used in a 1:2000 dilution.



Storage and Stability

The antibodies are stable for at least five (5) years after production date when stored at -20°C. Store the product in appropriate aliquots to avoid freeze-thaw cycles. For lot-specific data, see Certificate of Analysis (CoA).

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