

Product Name

Anti-FabRICATOR® Monoclonal Biotin Conjugated 0.1 ml [0.5 mg/ml]

Product Number

A3-AF5-005

Product Description

A purified mouse IgG1 monoclonal biotin-conjugated 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 0.5 mg/ml. Can be used in pair with Anti-FabRICATOR Monoclonal (A3-AF4-010).

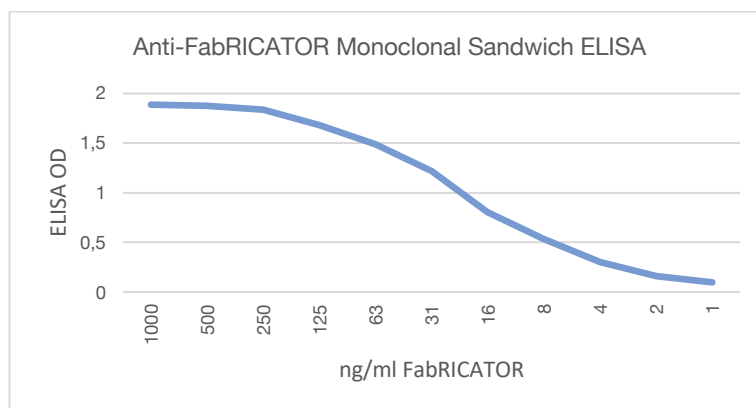
Background

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 Biotin Conjugated is produced by mouse hybridoma *in vitro*, purified and conjugated with biotin.

Application Example

The monoclonal antibodies are qualified for use in sandwich ELISA to detect the FabRICATOR enzyme. In this ELISA, the wells were coated with Anti-FabRICATOR Monoclonal (A3-AF4-010) 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 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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