

Product Name

Anti-FabRICATOR® Affinity Purified 0.1 ml [1 mg/ml]

Product Number

A3-AF2-010

Product Description

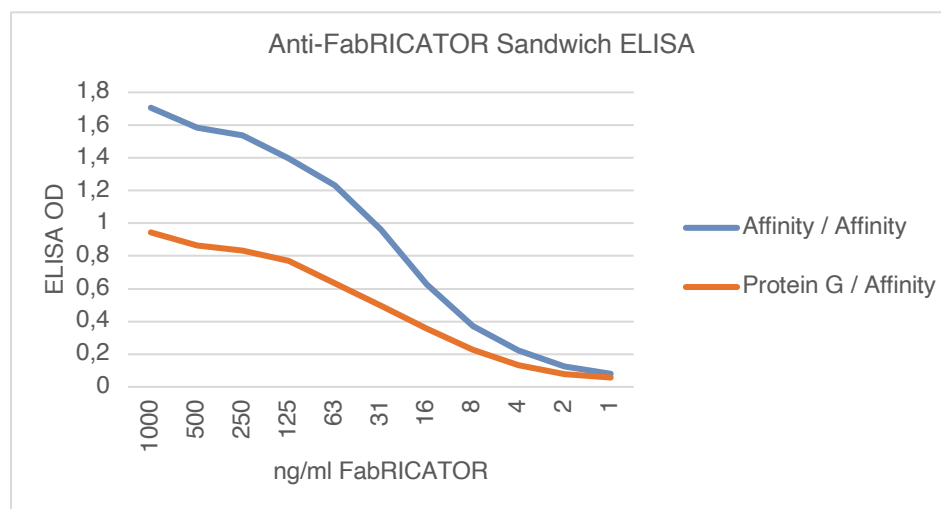
An affinity purified goat polyclonal antibody targeting the FabRICATOR enzyme, provided in 10 mM sodium phosphate, 150 mM NaCl, pH 7.4 buffer (PBS 7.4). No preservatives are added. Supplied as a frozen solution with a concentration of 1 mg/ml.

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. There is no other known substrate besides IgG. FabRICATOR is cloned from *Streptococcus pyogenes* and expressed in *E. coli*. FabRICATOR is produced by Genovis AB for analytical and biotech applications requiring the highest standards and consistency. Anti-FabRICATOR is affinity purified using FabRICATOR as the antigen.

Application Example

The antibodies are qualified for the use of e.g. western blot and ELISA to detect the FabRICATOR enzyme. To display the difference in performance between Anti-FabRICATOR Protein G Purified and the Anti-FabRICATOR Affinity Purified, wells were coated with either Anti-FabRICATOR Protein G Purified or Anti-FabRICATOR Affinity Purified at 2 µg/ml. The FabRICATOR enzyme was added in dilutions from 1 µg/ml to 1 ng/ml. Anti-FabRICATOR Affinity Purified Biotin Conjugated was added at 1 µg/ml. HRP-Streptavidin was added 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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