

Product Names and Product Numbers

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| Anti-FabRICATOR® Z Affinity Purified 0.1 ml [1 mg/ml] | A3-AZ2-010 |
| Anti-FabRICATOR® Z Affinity Purified Biotin Conjugated 0.1 ml [0.5 mg/ml] | A3-AZ3-005 |

Product Description

Anti-FabRICATOR Z Affinity Purified

An affinity purified goat polyclonal antibody targeting the FabRICATOR Z 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.

Anti-FabRICATOR Z Affinity Purified Biotin Conjugated

An affinity purified, biotin conjugated goat polyclonal antibody targeting the FabRICATOR Z 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 0.5 mg/ml.

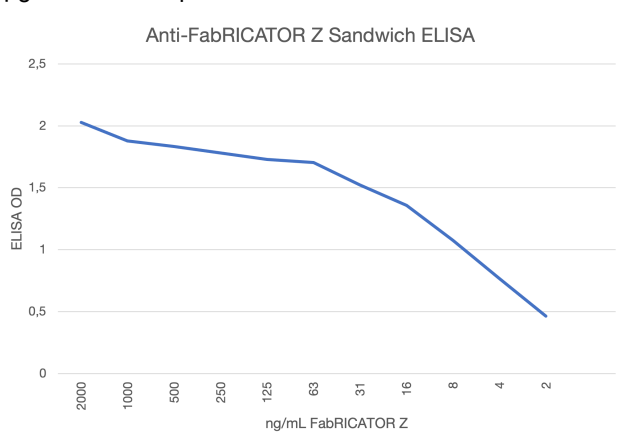
Background

FabRICATOR Z digests mouse IgG2a and IgG3 at a specific site below the hinge region, generating intact F(ab')₂ and Fc/2 fragments. There is no other known substrate besides IgG. FabRICATOR Z is derived from *S. equi ssp. Zooepidemicus* and is expressed in *E. coli*. FabRICATOR Z is a recombinantly modified form of IdeZ that has been developed by Genovis AB for biotech applications requiring the highest standards and consistency. The Anti-FabRICATOR Z is generated in goat and is affinity purified using FabRICATOR Z as the affinity ligand.

Application Example

The antibodies are qualified for the use of e.g. western blot and ELISA to detect the FabRICATOR Z enzyme. Here, we show the performance of both Anti-FabRICATOR Z Affinity Purified as well as Anti-FabRICATOR Z Affinity Purified Biotin Conjugated.

The wells were coated with Anti-FabRICATOR Z Affinity Purified at 2 µg/ml. The FabRICATOR Z enzyme was added in dilutions from 2 µg/ml to 2 ng/ml. Anti-FabRICATOR Z 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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