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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Cocaine [GNC9H2H] Bulk Size Ab00351-10.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This chimeric human antibody was made using the variable domain sequences of the original mouse IgG1 format for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Human IgG1, Fc Silent™, Kappa

Clone Number: GNC9H2H

Alternative Name(s) of Target: Benzoylmethylecgonine

UniProt Accession Number of Target Protein:

Published Application(s): ELISA

Published Species Reactivity:

Immunogen: Benzoylecgonine-KLH conjugate.

Specificity: Specifically binds to Benzoylmethylecgonine (Cocaine) with a $K_d = 4E-7$, which is 100-fold difference in K_d to the carboxylic acid metabolite Benzoylmethylecgonine

Application Notes: This antibody binds to cocaine, a strong stimulant used clinically as a local analgesic and vasoconstrictor, as well as illegally as a recreational drug.

Antibody First Published in: Larsen et al. 2001 Crystal Structure of a Cocaine-binding Antibody. Journal of Molecular Biology 2001; 311:9-15 [PMID:11469854](#)

Note on publication: Describes the generation and humanisation of a cocaine-binding antibody and the determination of its crystal structure.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg /ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.