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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Cocaine [K2-3] Bulk Size Ab00355-6.4-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 rat 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: Rat IgG1, [Fc Silent™](#), Kappa

Clone Number: K2-3

Alternative Name(s) of Target: Benzoylmethylecgonine

UniProt Accession Number of Target Protein:

Published Application(s): Blocking, ELISA

Published Species Reactivity:

Immunogen: The pharmacologically active cocaine derivative 3β-(benzoyloxy)-8-azabicyclo[3.2.1]octaine-2β carboxylic acid (p-aminophenyl) ethyl ester.

Specificity: K2-3 specifically binds to cocaine.

Application Notes: This antibody binds to cocaine, a strong stimulant often used as an illegal recreational drug.

Antibody First Published in: Schabacker et al. 2000 Exploring the feasibility of an anti-idiotypic cocaine vaccine: analysis of the specificity of anticocaine antibodies (Ab1) capable of inducing Ab2-beta-anti-idiotypic antibodies. Immunology 2000; 100(1):48-56 [PMID:PMC2326984](#)

Note on publication: Describes the generation of anti-cocaine antibodies used to reduce the level of cocaine targeting the brain.

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.