Anti-Cocaine [K2-3] Standard Size Ab00355-1.1

Isotype and Format: Mouse IgG1, 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: n/a
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: 200 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
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.

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