Mouse Anti-Cocaine and Benzoylcgonine Monoclonal Antibody

**Product Overview:** Monoclonal Antibody to Cocaine and Benzoylcgonine

**Specificity:** Cocaine (benzoylcgonine).

**Immunogen:** COC-BSA

**Clone:** K140Y140

**Isotype:** IgG1

**Host animal:** Mouse

**Format:** 50mM NaCl, 10 mM PBS (pH 8.0), 0.05% NaN3

**Grade:** Affinity chromatography purified >95%

**Application:** ELISA, Lateral flow immunoassay

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**PRODUCT INFORMATION**

**Introduction:** Cocaine (benzoylmethylecgonine) (INN) is a crystalline tropane alkaloid that is obtained from the leaves of the coca plant. The name comes from "coca" in addition to the alkaloid suffix -ine, forming cocaine. It is a stimulant of the central nervous system, an appetite suppressant, and a topical anesthetic. Specifically, it is a serotonin–norepinephrine–dopamine reuptake inhibitor, which mediates functionality of these neurotransmitters as an exogenous catecholamine transporter ligand. It is addicting because of the way it affects the mesolimbic reward pathway. The genus *Stenotrophomonas* was described in 1993.

**Keywords:** Cocaine (benzoylmethylecgonine); INN; Cocaine and Benzoylecgonine; C Carrie; "c"carrie; 1-Cocaine; Benzoylethylecgonine; Benzoylmylecgonine; Bernice; Bernies; beta-Cocaine; blow; Burese; cadillacorchampagneofdrugs; Cecil; Cholly; Cocain; cocaina; Cocaine-M; Coke; Corine; damablanc; Eritroxilina; Erytroxylin; flake; Girl; Gold dust; golddust; greengold; Happy dust; happydust; happytrails; jam; Kokain; Kakon; Kayayeen; lady; leaf; Ecgonine benzoate; o-Benzoyl-(-)ecgonine; O-Benzoylecgonin; benzoylcgonine solution; BENZOYLECGONINE,1.0MG/MLINMETHANOL; BENZOYLECGONINE,100/MLINMETHANOL

**REFERENCES**