

## Mouse Benzoylecgonine/Cocaine Monoclonal Antibody

Mouse monoclonal Benzoylecgonine/Cocaine antibody

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| CATALOG #<br><b>AAA224613</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Lateral Flow, ELISA</b> |
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### PRODUCT SYNONYMS

Benzoylecgonine/Cocaine; Monoclonal Antibody; Mouse monoclonal Benzoylecgonine/Cocaine antibody; Benzoylecgonine/Cocaine antibody; anti-Benzoylecgonine/Cocaine antibody

### PRODUCT SPECIFICATIONS

|                                                                   |                                                                                                                                                                                                                                                                                                                                               |
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| Host                                                              | Mouse                                                                                                                                                                                                                                                                                                                                         |
| Clonality                                                         | Monoclonal                                                                                                                                                                                                                                                                                                                                    |
| Isotype                                                           | IgG1                                                                                                                                                                                                                                                                                                                                          |
| Clone Number                                                      | M1709BC2                                                                                                                                                                                                                                                                                                                                      |
| Purity/Purification                                               | > 95% pure                                                                                                                                                                                                                                                                                                                                    |
| Form/Format                                                       | Protein A purified liquid in 50mM NaCl, 20mM PBS, pH 8.0, 0.1% NaN <sub>3</sub>                                                                                                                                                                                                                                                               |
| Concentration                                                     | 9.2 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                     |
| Applicable Applications for anti-Benzoylecgonine/Cocaine antibody | LF (Lateral Flow), ELISA                                                                                                                                                                                                                                                                                                                      |
| Immunogen                                                         | Benzoylecgonine-BSA Cocaine                                                                                                                                                                                                                                                                                                                   |
| Cross Reactivity                                                  | Specific for Benzoylecgonine                                                                                                                                                                                                                                                                                                                  |
| Assay Information                                                 | Hapten conjugate available for Benzoylecgonine/Cocaine antibody: 80-1037                                                                                                                                                                                                                                                                      |
| Biological Significance                                           | Benzoylecgonine is the compound tested for in most substantive cocaine urinalyses. It can be found in the urine for considerably longer than the cocaine itself which is generally cleared out within 5 days. It is formed in the liver by the metabolism of cocaine, catalysed by carboxylesterases, and subsequently excreted in the urine. |
| Preparation and Storage                                           | Store at 4°C short term. For long term storage, store at -20°C.                                                                                                                                                                                                                                                                               |

### ADDITIONAL INFORMATION

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| Product Categories/Family for anti-Benzoylecgonine/Cocaine antibody | Drugs & Toxicology |
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**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/benzoylecgonine-cocaine-antibody-clone-m1709bc2-lateral-flow-elisa/224613>