

Datasheet for ABIN1001412

anti-Morphine-6-Hemisuccinate antibody[Go to Product page](#)

Overview

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| Quantity: | 1 mg |
| Target: | Morphine-6-Hemisuccinate |
| Reactivity: | Various Species |
| Host: | Sheep |
| Clonality: | Polyclonal |
| Conjugate: | This Morphine-6-Hemisuccinate antibody is un-conjugated |
| Application: | ELISA, Affinity Purification (AP), Immunoassay (IA) |

Product Details

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|---------------|--|
| Purpose: | Morphine-6-Hemisuccinate |
| Immunogen: | Morphine-6-Hemisuccinate-BTG |
| Isotype: | IgG |
| Specificity: | ELISA microtitre plate based and expressed as % crossreactivity*. The antibody exhibited crossreactivity for the following compounds: 6-Monoacetylmorphine 100 % , Heroin 32.5 % , Codeine 5.8 % , morphine 5.3 % , Morphine-6-glucuronide 1.6 % , Hydromorphone 1.3 % , Hydrocodone 0.7 % , Dihydrocodeine 0.7 % , Morphine 3-glucuronide 0.3 % . |
| Purification: | Salt fractionation. |

Target Details

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|--------------|--------------------------|
| Target: | Morphine-6-Hemisuccinate |
| Target Type: | Chemical |

Target Details

Background: Morphine is a highly potent opiate analgesic drug and is the principal active agent in opium. Morphine acts directly on the CNS to relieve pain and is one of the most popular analgesics for the control of severe pain.

Application Details

Application Notes: Application_Dilutions: 5 µg/mL
Tested_Applications: The antibody is suitable for the development of immunoassays or immunoaffinity purification columns.

Comment: 10 ng/mL 6-MAM produces 98 % inhibition in a competitive ELISA employing Morphine506Hemisuccinate polyclonal antibody.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 20 mM Phosphate, 150 mM Sodium Chloride. pH 7.4, 0.09 % Sodium Azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Can be stored for up to 3 months at +2°C - +8°C. For long term storage, aliquot and store at ≤-20 °C. Avoid repeated freeze/thaw cycles. Product should be protected from light exposure.