

## Anti-Morphine [12D4] Bulk size

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**Description:** Recombinant monoclonal antibody to Morphine. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma 12D4. This is a Fab fragment with a his-tag.

**Isotype and Format:** Mouse Fab fragment, His-Tagged, lambda

**Clone Number:** 12D4

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA; WB

**Published Species Reactivity:** Species independent

**Immunogen:** Morphine-6-hemisuccinate conjugated with BSA.

**Specificity:** The antibody binds to morphine with an affinity (Kd) of 46 nM.

**Antibody First Published in:**

Glasel JA, Bradbury WM, Venn RF. Mol Immunol. 1983 Dec;20(12):1419-22. [PMID:6361525](#) **Note on**

**publication:** Describes the isolation of four high affinity monoclonal antibodies against morphine.

## Product Form

This is a Bulk size product. Purified antibody in bulk size.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**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:** See vial label

**Product Code:** Ab00521-1.6-BT

## Mouse Fab fragment

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.