

Anti-Morphine [12D4] Standard 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 Standard size product. Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

Supplied in: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: See vial label

Product Code: Ab00521-1.6

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.