Monoclonal Antibody to beta Endorphin
Purified Antibody (0.1 mg)

Clone: B31.15
Isotype: Mouse IgG1
Specificity: The antibody B31.15 reacts with human beta Endorphin, an endogenous opiate derived from ACTH gene. ACTH (Corticotropin; human 39 aa) is synthesized by the anterior pituitary gland and stimulates the adrenal cortex; 6 hormones are derived from one ACTH gene: ACTH, lipotropin, alpha-MSH, beta-MSH, endorphin, and one other.

Regulatory Status: RUO
Immunogen: Human beta Endorphin (full length native protein).
Species Reactivity: Human, Other not tested
Application: Immunohistochemistry (paraffin sections)
Recommended dilution: 10 - 20 µg/ml
Staining technique: Standard ABC technique (DAB+)
Pretreatment: Heat retrieval (microwave oven)
Incubation: overnight at 4°C
Positive tissue: Human pituitary gland
Immunohistochemistry (frozen sections)

Purity: > 95% (by SDS-PAGE)
Purification: Purified by protein-A affinity chromatography
Concentration: 1 mg/ml
Storage Buffer: Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability: Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration: See vial label
Lot Number: See vial label

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