

Technical Data Sheet

Product

Anti-beta-Endorphin Purified

Cat. Number/Size

11-249-C025 **0.025 mg**
11-249-C100 **0.1 mg**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

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| Antigen | beta-Endorphin |
| Clone | B31.15 |
| Format | Purified |
| Reactivity | Human |
| Application | IHC(P), IHC(F) |
| Application details | Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; standard ABC technique (DAB+), heat retrieval (microwave oven), incubation: overnight at 4°C; positive tissue: human pituitary gland. |
| Isotype | Mouse IgG1 |
| Specificity | The mouse monoclonal 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. |
| Immunogen | Human beta Endorphin (full length native protein). |

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| Concentration | 1 mg/ml |
| Preparation | Purified by protein-A affinity chromatography |
| Formulation | Phosphate buffered saline (PBS) solution with 15 mM sodium azide |
| Storage and handling | Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on the label. |

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| Images and References | www.exbio.cz |
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