

**Product:** Anti- $\beta$ -Endorphin  
**Catalog #:** 03-16017  
**Amount:** 100 ml

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**CATEGORY:** Rabbit Polyclonal  
**IMMUNOGEN:** Synthetic human  $\beta$ -Endorphin  
**FORM:** Serum containing 0.1% sodium azide  
**DESCRIPTION/SPECIFICITY:**  $\beta$ -Endorphin occurs in ACTH- and MSH-cells of the pituitary. It occurs also in scattered cells in the adrenal medulla and in nerves of the brain and gut. It may occur in tumors of the pituitary, bronchial and gastrointestinal carcinoids. Absorption with 10-100  $\mu$ g  $\beta$ -Endorphin per ml diluted antiserum abolishes the staining, while  $\beta$ -Lipotropin, met-Enkephalin and leu-Enkephalin do not.  
**POSITIVE CONTROL:** Formalin-fixed paraffin sections of pig pituitary  
**ANTIGEN RECOGNIZED IN SPECIES (tested so far):** Human, Pig  
**APPLICATION:** Immunohistochemistry on frozen and paraffin sections; Immunofluorescence  
**WORKING DILUTION:** 1:15 to 1:30 (with FITC in immunofluorescence, overnight incubation at 2-8°C)  
**DILUTION BUFFER:** 0.1 M PBS containing 1% BSA and 0.1 % sodium azide  
**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

**REFERENCE:**  
Leander, S. et al. (1984) Cell Tissue Res. **235**: 521-531

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