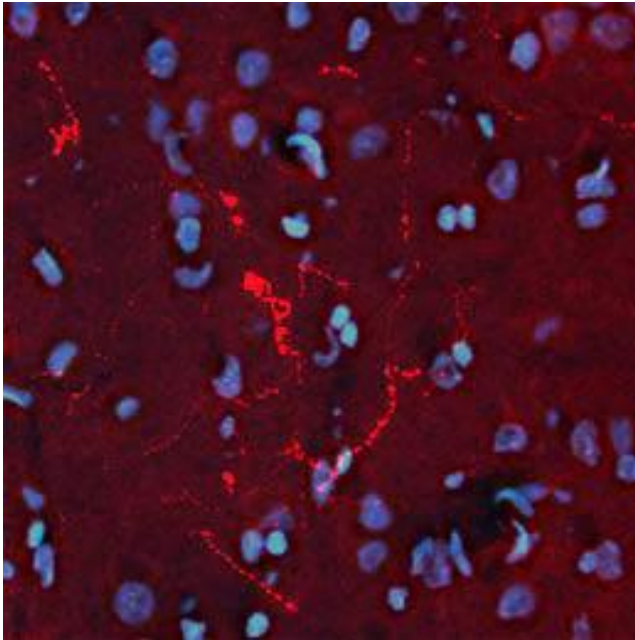




| | | | |
|----------------------------|--|----------------------------|-----------------------------|
| Catalog Number: | RA21004 | Host: | Rabbit |
| Product Type: | Rabbit Polyclonal IgG | Species Reactivity: | Human, Mouse, and Rat |
| Immunogen Sequence: | Human beta endorphin conjugated to BSA. | Format: | Lyophilized from 10 mM PBS. |
| Applications: | Immunohistochemistry: 5-10 ug/ml Immunofluorescence: 5-15 ug/ml | | |
| | Dilutions listed as a recommendation. Optimal dilution should be determined by investigator. | | |
| Storage: | The product can be stored as supplied for up to 12 months at 2°C-4°C. After reconstitution, aliquot and store at -20°C for higher stability or at 4°C with an appropriate antibacterial agent. Avoid freeze thaw-cycles. | | |

Application Notes



Description/Data:

beta Endorphin is an endogenous opioid peptide that interacts with mu-opioid receptors a, like morphine, produces analgesic effects.

Images: Immunohistochemical detection of beta-Endorphin in rat ventral lateral periaqueductal grey matter (PAG). Brain was fixed with 4% formaldehyde and cut into 10 µm thick cryostat sections. Tissue was incubated with rabbit polyclonal antibody to beta-Endorphin at 10 µg/mL overnight at 4°C followed by incubation with Donkey anti-rabbit Rhodamine Red conjugated secondary antibodies at 1:200. Tissue was counterstained with DAPI (blue color) to visualize cell nuclei.

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