



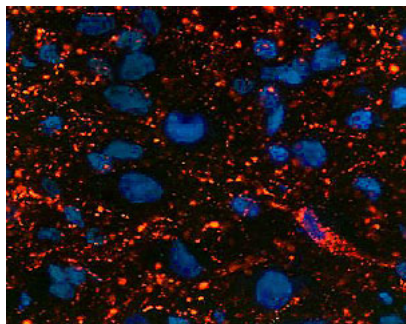
Rabbit polyclonal antibody to Endomorphin-2 (1-4): Affinity purified

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|--------------------------|---|
| Catalogue No.: | R-1496-50 |
| Description: | Endomorphins 1 and 2 are endogenous opioid peptides which have the highest affinity for the mu-opioid receptors. Located in various parts of the brain and interacts with mu-opioid receptors and produces analgesia. |
| Batch No.: | See product label |
| Unit size: | 50 µg |
| Antigen: | Synthetic Endomorphin-2 (YPFF) peptide conjugated to BSA. Selectivity towards Endomorphin-2 was achieved by separating fraction of affinity purified antibodies which did not bind to Endomorphin-1. |
| Sequence: | YPFF |
| Other Names: | EM 2; |
| Produced in: | Rabbit |
| Applications: | A dilution of 5-10 µg/ml is recommended for immunohistochemistry using formalin fixed and paraffin embedded tissues and for 4% paraformaldehyde fixed frozen tissues. A dilution of 5-15 µg/ml is recommended for immunofluorescence. . Biosensis recommends optimal dilutions/concentrations should be determined by the end user. |
| Species Against: | Human |
| Antibody Against: | Endomorphin-2 |
| Cross-reactivity: | Human; mouse; rat. |
| Form: | Lyophilised with BSA |
| Appearance: | White powder |
| Reconstitution: | Reconstitute in 0.05 ml of PBS (pH 7.4) to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material. |
| Storage: | At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability and at 4°C with an appropriate antibacterial agent. Avoid freeze-thaw cycles |
| Expiry Date: | 12 months after purchase |

FOR RESEARCH USE ONLY



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Immunohistochemical staining in rat ventral periaqueductal grey matter (PAG). 4% paraformaldehyde fixed rat brain cryostat sections (10 μ m) were incubated overnight at 4°C with Rabbit polyclonal antibody to Endomorphin-2 (10 μ g/ml) followed by incubation with donkey anti-rabbit Rhodamine Red conjugated secondary antibody (1:200).

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