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PRODUCT DATASHEET

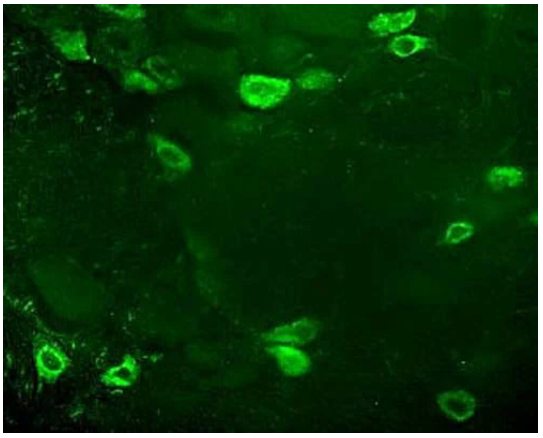
Anti-Endomorphin-1 (E-1) Antibody

Product Details

Available Variants	50 µg (SKU:R-1494-50)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Rabbit
Format	Affinity-purified
Physical State	Lyophilized
Buffer	Lyophilized with BSA.
Applications	ICC, IHC
Dilution Ranges	IHC: 5-15 µg/mL ICC: 5-15 µg/mL
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic human Endomorphin-1 (YPWF) peptide conjugated to BSA. Selectivity towards Endomorphin-1 was achieved by separating fraction of affinity purified antibodies which did not bind to Endomorphin-2.
Specificity	Human; mouse; rat. Endomorphin-1 is highly conserved so cross-reactivity with other species is expected. Cross-reactivity with other opioid peptides is as follows: with Endomorphin-2 <5%; Met-enkephalin <0.03%; with Leu-enkephalin 0.01%; with beta-endorphin<0.1%.
Storage	Spin vial briefly before opening. Reconstitute in 0.05 mL of sterile-filtered PBS (pH 7.4) to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material. At least 12 months after purchase at 2-8°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability and at 2-8°C with an appropriate antibacterial agent.Avoid freeze-thaw cycles
Country of Origin	United States

Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



Immunohistochemical staining in rat dorsal root ganglion (DRG). 4% paraformaldehyde fixed rat brain crystostat sections (10 µm) were incubated overnight at 4°C with Rabbit polyclonal antibody to Endomorphin-1 (5 µg/mL) followed by incubation with FITC conjugated secondary antibody.