

Product Datasheet

Leu-enkephalin Antibody (orb233979)

Catalog Number	orb233979
Category	Antibodies
Description	Leu-enkephalin Antibody
Target	Leu-enkephalin
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Unconjugated
Reactivity	Human, Rat
Form/Appearance	Lyophilized tissue culture supernatant
Buffer/Preservatives	None
Immunogen	pentapeptide (Tyr-Gly-Gly-Phe-Leu)
Tested applications	ICC, IHC, RIA
Dilution range	If reconstituted with deionized water in 200 μ L: IHC / ICC 1:200 - 1:800. Optimal dilution has to be determined by the user.

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Specificity

A sensitive antibody against enkephalinergic fibrillar networks in the globus pallidus, N. accumbens, septum, hypothalamus, thalamus, amygdala, N. interstitialis of the stria terminalis and brain stem nuclei. This antibody does not distinguish between Met5-enkephalin and Leu5-enkephalin by radioimmunoassay or by immunocytochemistry. It is recommended for localizing enkephalinergic sites by immunohistochemistry. It does not bind to beta-endorphin or dynorphin-containing areas. It exhibits approximately. 40% cross reactivity with c-terminal extended Met-enkephalin hexapeptides and 7% cross reactivity with the extended heptapeptide (-Arg-Phe-OH), but does not recognize other endogenous peptides. All well-established enkephalin immunoreactive sites are recognized by this antibody in immunohistochemistry (IHC) and electron microscopy immunocytochemistry (ICC). Specific for: rat and human

Clone Number

NOC1

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

For research use only

Expiration Date

12 months from date of receipt.

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