

Monoclonal Antibody to Enkephalin (Leu+Met) - Supernatant

Catalog No.:	BM397P
Quantity:	0.5 mg
Concentration:	0.5 mg/ml
Host / Isotype:	Mouse / IgG1
Clone:	NOC.1
Immunogen:	Enkephalin-BSA conjugate.
Format:	State: Liquid purified IgG Buffer System: PBS containing 0.09% Sodium Azide, 50% Glycerol
Applications:	Immunohistochemistry on frozen sections: 1/20 - 1/200. ELISA: 1/40 - 1/400. Western Blot: 1/20 - 1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises both Leu- and Met-enkephalin as shown both by radioimmunoassay and immunohistochemistry. In radioimmunoassay NOC 1 shows about 40% cross-reactivity with C-terminal extended Met-enkephalin hexapeptides and 7% with the extended heptapeptide, but does not react with other endogenous peptides. In Immunohistochemistry NOC1 shows immunoreactivity with all well established enkephalin immunoreactive sites but does not bind to areas with beta endorphin or proenkephalin activity. Species: Human. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Cuello AC, Milstein C, Couture R, Wright B, Priestley JV, Jarvis J. Characterization and immunocytochemical application of monoclonal antibodies against enkephalins. J Histochem Cytochem. 1984 Sep;32(9):947-57. PubMed PMID: 6086744.