

Catalog No. LF-MA0146

MONOCLONAL ANTIBODY



Anti-Attractin(9H8)

Background : Attractin is a serum glycoprotein of 175 kDa and found in both membrane-bound and secreted forms as a result of alternative splicing. Both the secreted and membrane-bound forms of attractin may be involved in the development and maintenance of the central nervous system. Membrane-bound attractin is a co-receptor for Agouti, antagonist of melanocortin-1 receptor. Secreted attractin, expressed by activated T lymphocytes and modulates interactions between T cells and monocytes/macrophages, was examined as a potential marker of immune activity. Attractin may be a component of a pathway for regulated protein turnover that also involves mahogunin, a wide-expressed E3 ubiquitin ligase found at particularly high levels in the brain. Attractin was considered as an extracellular target amenable for the development of obesity-regulating drugs, also.

Immunogen : Protein purified from Human plasma

Host : Mouse

Clone number : 9H8

Isotype : IgG1, k

Size : 100 μ l

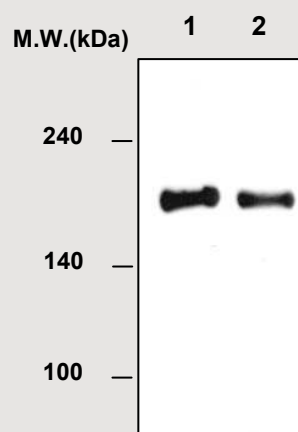
Composition: PBS containing 50% glycerol

Positive control : Human plasma

Storage : Store for 1 year at -20°C from date of shipment

Species cross reactivity

Human +	Mouse NT	Rat NT
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Immunoblot Analysis of Human plasma protein
Lane 1 : Attractin isolated from human plasma
Lane 2 : Human plasma

Applications :

Western Blotting (1: 1,000)

Immunoprecipitation (1-2 μ l for 400 μ l lysate)

Background Reference :

- 1) Duke-Cohan, J. S., et al, PNAS (1998), vol.95 (19): pp.11336~11341
- 2) He, L., et al, Nature Genetics (2001) vol.27: pp.40~47
- 3) Duke-Cohan, J. S., et al, J Environ Pathol Toxicol Oncol. (2004) vol. 23: pp.1~11

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