



Monoclonal anti-Ghrelin (human Ghrelin/MTLRP protein)

Ghrelin is a 28 amino acids peptide with an essential n-octonayl modification at Serine 3. This peptide hormone is known as one endogenous ligand for the growth hormone secretagogue receptor (1) and shares sequence similarity with the peptide hormone Motilin (2). Ghrelin displays pleotropic actions including growth hormone secretion, feeding behaviour and gastrointestinal motility. Ghrelin is predominantly produced by enteroendocrine cells from the gastrointestinal tract.

NB-01-0047

Volume: 100 µl

Clones: 1ML-1D7

Immunogen: Synthetic peptide corresponding to the 18 first amino acids of human Ghrelin (GSSFLSPEHQRVQQRKE(C))

Murine Isotype: IgG1, k

Specificity: human, mouse, rat

Applications:

- ELISA
- Western Blot
- Immunocytochemistry
- Immunohistochemistry

Recommended dilutions: 1/1000-1/10000

Storage:

Store at -20°C (up to 3 years)

Avoid repeat freezing and thawing cycles. Does not contain any preservative

References:

Kojima M, Hosoda H, Date Y, Nakazato M, Matsuo H, Kangawa K. Ghrelin is a growth-hormone-releasing acylated peptide from stomach. *Nature*. 1999 Dec 9;402(6762):656-60.

Tomasetto C, Karam SM, Ribieras S, Masson R, Lefebvre O, Staub A, Alexander G, Chenard MP, Rio MC. Identification and characterization of a novel gastric peptide hormone: the motilin-related peptide. *Gastroenterology*. 2000 Aug;119(2):395-405.