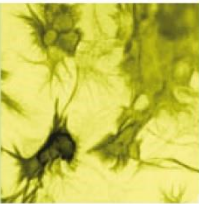
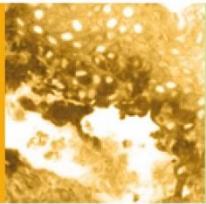


Data Sheet

HUMAN GLUCAGON-LIKE PEPTIDE-1 (GLP-1) ANTIBODY, MONOCLONAL

Catalog no.:	A 6104.1 / A 6104.2
Immunogen:	Synthetic human GLP-1 (aa 7-36) amide KLH-conjugated
Swiss-Prot No:	P01275
Gene Information:	Gene Name: GCG GenelD: 2641
Host:	Mouse Balb/c
Clone no.:	ID/GLP-1/18
Isotype:	IgG ₁
Matrix:	Cell culture supernatant, Protein G purified, PBS pH 7.4
Specificity:	GLP-1 (aa 7-36) amide; GLP-1 (aa 1-36) amide, acetyl GLP-1 (aa 7-34) amide; human, rat, porcine, and chicken GLP-1 There was no cross reactivity obtained with GLP-2, GRPP, PYY, VIP, PHI, GIP, glucagon, oxyntomodulin.
Contents:	10 µg / 100 µg (lyophilized) Resuspend in 10 µl / 100 µl aqua bidest.
Known applications:	Dot blot ¹ , immunohistochemistry (paraffin sections, 1:80-1:8000; electron microscopy, 1:600) ^{1, 2, 3, 4} This antibody has not been tested for use in all applications. This does not necessarily exclude its use in non-tested procedures. The stated dilutions are recommendations only. End users should determine optimal dilutions in their system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
References:	1. Eissele R, Goke R, Willemer S, Harthus HP, Vermeer H, Arnold R, Goke B (1992). Glucagon-like peptide-1 cells in the gastrointestinal tract and pancreas of rat, pig and man. <i>Eur J Clin Invest</i> 22 (4): 283-291. 2. Theodorakis MJ, Carlson O, Michopoulos S, Doyle MiE, Juhaszova M, Petraki K, Egan JM (2006). Human duodenal enteroendocrine cells: source of both incretin peptides, GLP-1 and GIP. <i>American Journal of Physiology - Endocrinology And Metabolism</i> 290 (3): E550-E559.





3. Nishimura K, Hiramatsu K, Monir MM, Takemoto C & Watanabe T (2013). Ultrastructural Study on Colocalization of Glucagon-Like Peptide (GLP)-1 with GLP-2 in Chicken Intestinal L-Cells. *J. Vet. Med. Sci.* **75**: 1335–1339.

4. Watanabe T, Nishimura K, Monir MM, Takemoto C & Hiramatsu K (2014). Immunoelectron Microscopic Observation of Chicken Glucagon-Like Peptide (GLP)-1-Containing Cells in Tissues Derived from Thin Section, Paraffin Block and Conventional Method. *J. Vet. Med. Sci.* **76**: 389–394.

Last updated on: 6 April 2022

For research use only

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