GLP-1 (4F3) Antibody

Subcategory: Biotin-conjugated Antibody, Mouse Monoclonal Antibody
Cat. No.: 251106
Unit: 0.05 mg

Description:
Glucagon-like peptide 1 (7-36)amide (GLP-1 (7-36)amide) is the principal active form of GLP-1, the other being GLP-1 (7-37). GLP-1 is a peptide hormone of the glucagon family, produced by the L cells of the intestinal mucosa from the same prohormone as glucagon. The active forms are potent stimulators of glucose-dependent insulin secretion. The sequence of GLP-1 is fully conserved in all mammalian species examined so far. This antibody reacts with all forms of GLP-1, including precursor. This antibody can be used in a sandwich ELISA for detecting total amidated GLP-1.

Isotype: Mouse IgG1
Applications: E, WB
Species Reactivity: H, Ml, M, R
Format: Each vial contains 0.05 mg IgG in 0.05 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.
Alternate Names: Glucagon-like peptide 1; GLP-1; Glucagon; GCG
Accession No.: P01275

Antigen: Synthetic GLP-1(7-36)amide coupled to carrier and adsorbed onto aluminum hydroxide gel.
Application Notes: Product Cat. No. 251106 is a biotin conjugate of Cat. No. 250366, which binds to GLP-1 coated directly onto the microtiter well, and binds GLP-1 (7-36)amide in solution giving a Ka of 4.0x10E8 in inhibition ELISA. Cat. No. 251106 cross-reacts with coated glucagon (

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.