
GLP-1 (11E2) Antibody

Subcategory: Mouse Monoclonal Antibody, Biotin-conjugated Antibody

Cat. No.: 251105

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.

Isotype: Mouse IgG2a/k

Applications: E, WB

Species Reactivity: H, M, R, MI

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. 251105 is a biotin conjugate of Cat. No. 250365, which binds to GLP-1 coated directly onto the microtiter well, and binds GLP-1 (7-36)amide in solution giving a K_a of 1.2×10^7 in inhibition ELISA. Product Cat. No. 250365 does not cross-react with coated glucagon or hGLP-2. No binding of free glucagon in solution is detected in inhibition ELISA, giving an estimated cross-reactivity

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.