Exendin-4 (24) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 250223
Unit: 0.1 mg

Description:
Exendin-4 is a 39-amino-acid peptide found in venom from the Gila monster Heloderma suspectum. It is a member of the glucagon-secretin family of peptide hormones and neuropeptides. Exendin-4 is a potent agonist of the GLP-1 receptor and hence a potent stimulator of insulin secretion. This antibody is specific for exendin-4 with no cross-reactivity with GLP-1, GLP-2 (human) or glucagon coated on ELISA wells.

Isotype: Mouse IgG1/k
Applications: E
Species Reactivity: H
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.
Alternate Names: Exenatide
Accession No.: P26349

Antigen: Synthetic exendin-4 coupled to carrier and adsorbed onto aluminum hydroxide gel.
Application Notes: Product Cat. No. 250223 binds to exendin-4 when coated in ELISA wells and reacts specifically with exendin-4 in solution giving a Ka of 1.8x10E8 in an inhibition ELISA. The binding between Product Cat. No. 250223 and exendin-4 is disrupted by 0.1 M glycin pH 3. E: 1:2,000

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.