Recombinant GLP-1 Monoclonal Antibody

catalog number: **AN301530L**

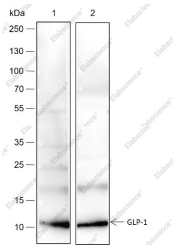
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human GLP-1 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111153
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:200-1:1000
IF	1:50
FCM	1:50-1:100

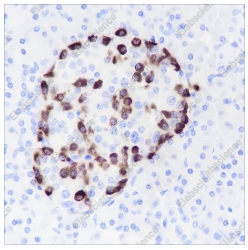
Data



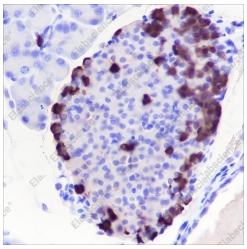
Western Blot with GLP-1 Monoclonal Antibody at dilution of 1:2000. Lane 1: Rat pancreas, Lane 2: Mouse pancreas

Observed-MW:11 kDa

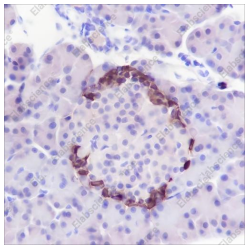
Calculated-MW:21 kDa



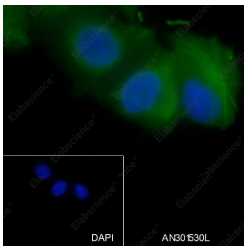
Immunohistochemistry of paraffin-embedded Human pancreas using GLP-1 Monoclonal Antibody at dilution of 1:1000.

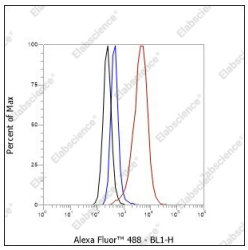


Immunohistochemistry of paraffin-embedded Mouse pancreas using GLP-1 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Rat pancreas using GLP-1 Monoclonal Antibody at dilution of 1:1000.





Immunofluorescent analysis of (4% Paraformaldehyde) fixed PANC-1 cells using anti-GLP-1 Monoclonal Antibody at dilution of 1:50.

Flow cytometric analysis of human GLP-1 expression on PANC-1 cells. Cells were stained with purified anti-Human GLP-1, then a Alexa Fluor 488-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact cells.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Glucagon plays a key role in glucose metabolism and homeostasis. Regulates blood glucose by increasing gluconeogenesis and decreasing glycolysis. A counterregulatory hormone of insulin, raises plasma glucose levels in response to insulin-induced hypoglycemia. Plays an important role in initiating and maintaining hyperglycemic conditions in diabetes.