# bsm-0933M

# [ Primary Antibody ]

# Bioss

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

DATASHEET -

Host: Mouse Isotype: IgG
Clonality: Monoclonal CloneNo.: 1G9
GeneID: 2641 SWISS: P01275

Target: GLP-1(1G9)

**Immunogen:** KLH conjugated synthetic peptide derived from human GLP-1:

1-31/31.

**Purification:** affinity purified by Protein G

GLP-1(1G9) Mouse mAb

Concentration: 1mg/ml

Storage: Size: 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Size: 200ug (PBS only)

0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**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.

**Applications: IHC-P** (1:100-500)

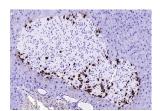
**IHC-F** (1:100-500) **IF** (1:100-500)

Reactivity: Human, Mouse, Rat

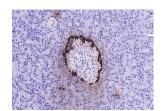
Predicted MW.: <sup>21 kDa</sup>

Subcellular Location: Secreted

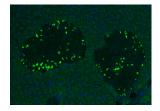
## VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (Rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GLP-1(1G9)) Monoclonal Antibody, Unconjugated (\_bsm-0933M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GLP-1(1G9)) Monoclonal Antibody, Unconjugated (\_bsm-0933M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GLP-1(1G9)) Monoclonal Antibody, Unconjugated (bsm-0933M) at 1:500 overnight at 4°C, followed by a conjugated Goat Anti- Mouse IgG antibody (YF488) for 90 minutes, and DAPI for nuclei staining.

# - SELECTED CITATIONS -

- [IF=9.423] Yannan Xi. et al. Glucagon-receptor-antagonism-mediated β-cell regeneration as an effective anti-diabetic therapy. CELL REP. 2022 May;39:110872 IF; Monkey. 10.1016/j.celrep.2022.110872
- [IF=5.7] Jun-Xia Wang. et al. Lactobacillus reuteri-Enriched Eicosatrienoic Acid Regulates Glucose Homeostasis by Promoting GLP-1 Secretion to Protect Intestinal Barrier Integrity. J AGR FOOD CHEM. 2024;XXXX(XXX):XXX-XXX WB,IF ;Mouse. 39680859
- [IF=3.479] Fujinaga, Atsuro. et al. Changes of Short-Chain Fatty Acids and Their Receptors in an Obese Rat Model After

Sleeve Gastrectomy. OBES SURG. 2022 Jun;:1-9 IHC,WB;Rat. 35648365 • [IF=2.9] Wenxiu Xu. et al. Effect of Central UAG on Metabolic Associated Fatty Liver Disease: a Possible Mechanism involving in GLP-1 Neural Pathway. PEPTIDES. 2025 Jul;:171427 IHC, IF; Rat. 40617328