



## Mouse monoclonal antibody to Glucagon [IMD-7]: IgG

<b>Catalogue No.:</b>	M-1158-100
<b>Description:</b>	The glucagon preproprotein is cleaved into a number of distinct peptides that include glucagon, glucagon-like peptide 1 (GLP-1) and glucagon-like peptide 2 (GLP-2). Glucagon has a key role in glucose metabolism and homeostasis. The release of glucagon is stimulated by hypoglycemia and regulates the level of blood glucose by increasing gluconeogenesis and decreasing glycolysis.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Polymerized porcine glucagon
<b>Clone:</b>	IMD-7
<b>Other Names:</b>	GLP1; GLP2; GRPP; GCG;
<b>Accession:</b>	P01274 GLUC_PIG; P01275 GLUC_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	Immunohistochemistry (IHC). A concentration of 1.0-2.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by IHC against the antigen.
<b>Cross-reactivity:</b>	Human; rat;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
<b>Expiry Date:</b>	12 months after purchase

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FOR RESEARCH USE ONLY