

Mouse Glucagon Monoclonal Antibody | anti-GCG antibody

Anti-Glucagon antibody (monoclonal)

CATALOG # AAA44880	HOST Mouse	REACTIVITY Human, Mouse, Rat, Rabbit	APPLICATIONS Immunohistochemistry
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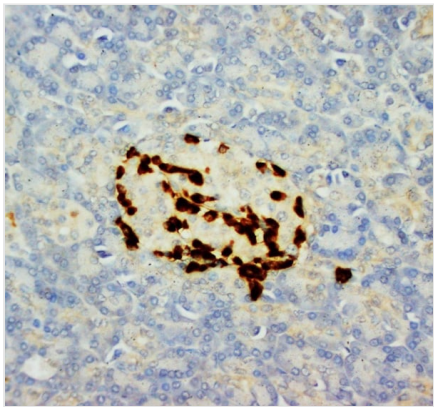
PRODUCT SYNONYMS

Glucagon; Monoclonal Antibody; Anti-Glucagon antibody (monoclonal); glucagon; GLP1; GLP2; glicentin-related polypeptide; glucagon-like peptide 1; glucagon-like peptide 2; anti-GCG antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat, Rabbit
Clonality	Monoclonal
Isotype	IgG1
Clone Number	K79bB10
Specificity	No crossreactivity with other proteins.
Purity/Purification	Ascites
Form/Format	Lyophilized
Sequence Length	180
Applicable Applications for anti-GCG antibody	IHC (Immunohistochemistry)
Immunogen	Polymerized porcine glucagon.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-Glucagon antibody (monoclonal), AAA44880, IHC(P)IHC(P): Rat Pancreas Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-GCG antibody	Description: Mouse IgG monoclonal antibody for Glucagon, glucagon (GCG) detection. Tested with IHC-P in Human, mouse, rat, rabbit. No cross reactivity with other proteins. Uniprot ID: P01275 Background: Glucagon is a member of a multigene family that includes secretin. Glucagon is a 29-amino acid pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. The human glucagon gene is approximately 9.4 kb long and contains 6 exons and 5 introns, and assigned to 2q36-2q37.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	125987831
NCBI GeneID	2641
UniProt Accession #	P01275; Q53TP6; A6NN65
Molecular Weight	20,909 Da
NCBI Official Full Name	Glucagon
NCBI Official Synonym Full Names	glucagon
NCBI Official Symbol	GCG
NCBI Official Synonym Symbols	GLP1; GLP2; GRPP
NCBI Protein Information	glucagon; preproglucagon; glucagon-like peptide 1; glucagon-like peptide 2; glicentin-related polypeptide
UniProt Protein Name	Glucagon
UniProt Gene Name	GCG
UniProt Synonym Gene Names	GRPP; OXM; OXY; GLP-1; GLP-1(7-37); GLP-1(7-36); GLP-2
UniProt Entry Name	GLUC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.