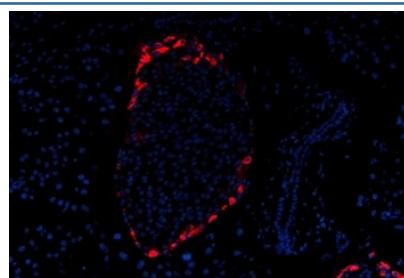


Glucagon Antibody [clone K79bB10] (R30040)

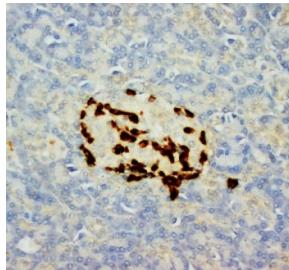
Catalog No.	Formulation	Size
R30040	0.5mg/ml with 1% BSA and 0.01% sodium azide if reconstituted with 0.2ml sterile 1X PBS	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat, Rabbit
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	K79bB10
Purity	Ascites
Gene ID	2641
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml Immunofluorescence : 5ug/ml
Limitations	This Glucagon antibody is available for research use only.



Immunofluorescent staining of FFPE mouse pancreas tissue with Glucagon antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



IHC-P: Glucagon antibody testing of rat pancreas tissue. HIER: steamed with pH6 citrate buffer, HRP-staining.

Description

Glucagon is a member of a multigene family that includes secretin. Mature, it is a 29-amino acid pancreatic hormone that counteracts the glucose-lowering action of insulin by stimulating glycogenolysis and gluconeogenesis. The human gene is approximately 9.4 kb long and contains 6 exons and 5 introns, and assigned to 2q36-2q37.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Glucagon antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Polymerized porcine glucagon was used as the immunogen for this Glucagon antibody.

Storage

After reconstitution, the Glucagon antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.