

# Product Datasheet

## Glucagon Antibody (09) [Alexa Fluor® 647] NBP2-21803AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-21803AF647****Glucagon Antibody (09) [Alexa Fluor® 647]****Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	09
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Alexa Fluor 647
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	2641
<b>Gene Symbol</b>	GCG
<b>Species</b>	Human, Mouse, Rat, Porcine
<b>Reactivity Notes</b>	Use in Mouse reported in scientific literature (PMID:32953935).
<b>Specificity/Sensitivity</b>	Binds human glucagon. Cross-reacts less than 5% with oxyntomodulin.
<b>Immunogen</b>	Synthetic full length oxyntomodulin coupled to carrier.

**Notes**

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**Product Application Details**

<b>Applications</b>	ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA, Sandwich ELISA Capture
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<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA, Sandwich ELISA Capture
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Product Image: Glucagon Antibody (09) [Alexa Fluor® 647] [NBP2-21803AF647] - Vial of Alexa Fluor 647 conjugated antibody. Alexa Fluor 647 is optimally excited at 653 nm by the Red laser (633 or 640 nm) and has an emission maximum of 669 nm.



## Publications

Wu Y, Wong CW, Chiles EN Et al. Glycerate from intestinal fructose metabolism induces islet cell damage and glucose intolerance Cell Metab 2022-06-10 [PMID: 35688154]

### Details:

Citation using the Alexa Fluor 647 version of this antibody.

Lau, H, Corrales, N Et al. An islet maturation media to improve the development of young porcine islets during in vitro culture. Islets 2020-05-03 [PMID: 32459554] (WB, Human)



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## Products Related to NBP2-21803AF647

IC002R

Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]

NBP1-72384-100ug

Recombinant Human Glucagon His Protein

291-G1-200

IGF-I/IGF-1 [Unconjugated]

DY1249

Glucagon [Biotin]

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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