

Insulin Recombinant Rabbit Monoclonal Antibody (19H4L12)

Product Details	
Size	100 µg
Species Reactivity	Human
Published Species	Mouse, Human
Host/Isotype	Rabbit / IgG
Expression system	Expi293
Class	Recombinant Monoclonal
Type	Antibody
Clone	19H4L12
Conjugate	Unconjugated
Immunogen	proprietary
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2532448

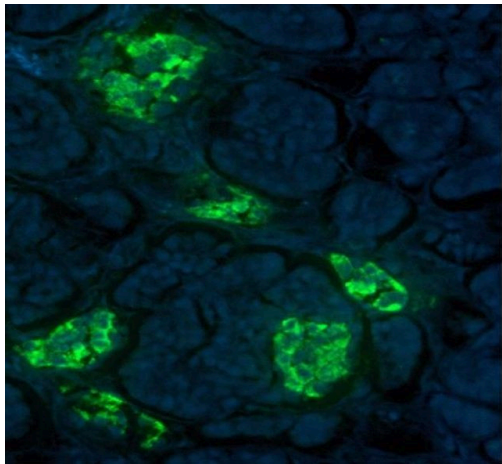
Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	5 µg/mL	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	5 µg/mL	1 Publication

Product Specific Information

Intact IgG appears on a non-reducing gel as ~150 kDa band and upon reduction generating a ~25 kDa light chain band and a ~50 kDa heavy chain.

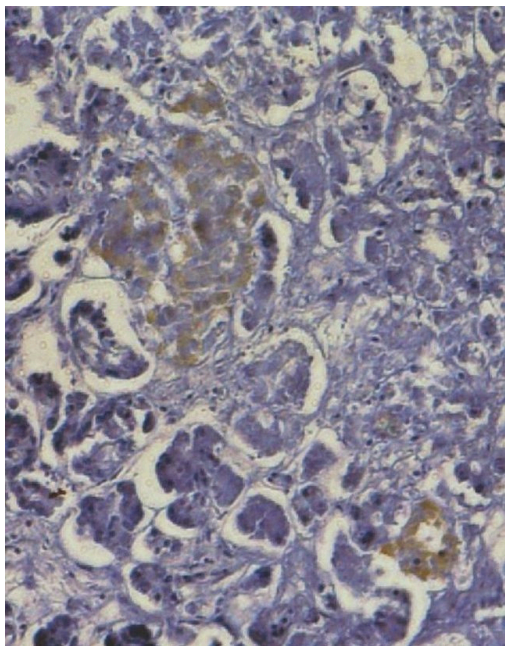
Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

Product Images For Insulin Recombinant Rabbit Monoclonal Antibody (19H4L12)



Insulin Antibody (701265) in IHC

Immunofluorescent analysis of Insulin in human pancreatic tissue using an Insulin recombinant rabbit monoclonal antibody (Product # 701265) followed by detection using an Alexa Fluor 488-conjugated goat anti-rabbit secondary antibody (green) and nuclei were stained with DAPI (blue).



Insulin Antibody (701265) in IHC

Immunohistochemistry analysis of Insulin in human pancreatic tissue using an Insulin monoclonal antibody (Product # 701265) followed by detection using an HRP-conjugated goat anti-rabbit IgG secondary antibody.

Immunohistochemistry (1)

<p>Frontiers in endocrinology</p> <p>Gene Signatures of NEUROGENIN3+ Endocrine Progenitor Cells in the Human Pancreas.</p> <p>"701265 was used in Immunohistochemistry-immunofluorescence to test the hypothesis that single-cell RNA-seq enables in-depth exploration of the rare NEUROG3+ cells directly in humans."</p> <p>Authors: Yong HJ,Xie G,Liu C,Wang W,Naji A,Irianto J,Wang YJ</p>	<p>Year 2022</p> <p>Species Human</p> <p>Dilution 1:300</p>
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Immunohistochemistry (Frozen) (1)

<p>Nature communications</p> <p>Pancreatic Ppy-expressing -cells display mixed phenotypic traits and the adaptive plasticity to engage insulin production.</p> <p>"701265 was used in Immunohistochemistry (Frozen) to present the genetic signature of human and mouse -cells."</p> <p>Authors: Perez-Frances M,van Gurp L,Abate MV,Cigliola V,Furuyama K,Bru-Tari E,Oropeza D,Carreaux T,Fujitani Y,Thorel F,Herrera PL</p>	<p>Year 2021</p> <p>Species Mouse</p> <p>Dilution 1:3000</p>
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Immunocytochemistry (1)

<p>Nature communications</p> <p>Pancreatic Ppy-expressing -cells display mixed phenotypic traits and the adaptive plasticity to engage insulin production.</p> <p>"701265 was used in Immunohistochemistry (Frozen) to present the genetic signature of human and mouse -cells."</p> <p>Authors: Perez-Frances M,van Gurp L,Abate MV,Cigliola V,Furuyama K,Bru-Tari E,Oropeza D,Carreaux T,Fujitani Y,Thorel F,Herrera PL</p>	<p>Year 2021</p> <p>Species Mouse</p> <p>Dilution 1:3000</p>
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