

# Somatostatin Monoclonal Antibody (YC7)

Product Details	
Size	200 µL
Species Reactivity	Guinea pig, Human, Mouse, Pig, Rat
Published Species	Mouse, Human
Host/Isotype	Rat / IgG2b
Class	Monoclonal
Type	Antibody
Clone	YC7
Conjugate	Unconjugated
Immunogen	Somatostatin conjugated to thyroglobulin.
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	tissue culture supernatant
Contains	0.05% thimerosal
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2538460

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	2 Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	1 Publication
Immunohistochemistry (PFA fixed) (IHC (PFA))	-	1 Publication
Immunohistochemistry (Frozen) (IHC (F))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	-	2 Publications

Immunohistochemistry (2)

<p><b>Molecular metabolism</b></p> <p><b>A point mutation in the Pdia6 gene results in loss of pancreatic -cell identity causing overt diabetes.</b></p> <p>"MA5-16987 was used in Immunohistochemistry (PFA fixed) to demonstrate that a global Pdia6 mutation renders mice hypoinsulinemic and hyperglycemic due to loss of pancreatic -cell function and identity."</p> <p>Authors: Chhabra NF,Amend AL,Bastidas-Ponce A,Sabrautzki S,Tarquis-Medina M,Sachs S,Rubey M,Lorenz-Depiereux B,Feuchtinger A,Bakhti M,Lickert H,Przemeck GKH,Hrab de Angelis M</p>	<p><b>Year</b> 2021</p> <p><b>Species</b> Mouse</p> <p><b>Dilution</b> 1:300</p>
<p><b>Life science alliance</b></p> <p><b>Pancreatic cancer triggers diabetes through TGF--mediated selective depletion of islet -cells.</b></p> <p>"MA5-16987 was used in Immunohistochemistry-immunofluorescence to indicate that human pancreatic ductal adenocarcinoma (PDAC) formation can trigger selective depletion of islet -cells, thus shedding new light into the mechanisms by which this malignancy could drive diabetes."</p> <p>Authors: Parajuli P,Nguyen TL,Prunier C,Razzaque MS,Xu K,Atfi A</p>	<p><b>Year</b> 2020</p> <p><b>Species</b> Mouse</p>

Immunohistochemistry (Paraffin) (1)

<p><b>Life science alliance</b></p> <p><b>Pancreatic cancer triggers diabetes through TGF--mediated selective depletion of islet -cells.</b></p> <p>"MA5-16987 was used in Immunohistochemistry-immunofluorescence to indicate that human pancreatic ductal adenocarcinoma (PDAC) formation can trigger selective depletion of islet -cells, thus shedding new light into the mechanisms by which this malignancy could drive diabetes."</p> <p>Authors: Parajuli P,Nguyen TL,Prunier C,Razzaque MS,Xu K,Atfi A</p>	<p><b>Year</b> 2020</p> <p><b>Species</b> Mouse</p>
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Immunohistochemistry (PFA fixed) (1)

<p><b>Molecular metabolism</b></p> <p><b>A point mutation in the Pdia6 gene results in loss of pancreatic -cell identity causing overt diabetes.</b></p> <p>"MA5-16987 was used in Immunohistochemistry (PFA fixed) to demonstrate that a global Pdia6 mutation renders mice hypoinsulinemic and hyperglycemic due to loss of pancreatic -cell function and identity."</p> <p>Authors: Chhabra NF,Amend AL,Bastidas-Ponce A,Sabrautzki S,Tarquis-Medina M,Sachs S,Rubey M,Lorenz-Depiereux B,Feuchtinger A,Bakhti M,Lickert H,Przemeck GKH,Hrab de Angelis M</p>	<p><b>Year</b> 2021</p> <p><b>Species</b> Mouse</p> <p><b>Dilution</b> 1:300</p>
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ICC/IF (2)

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