

Mouse anti-Human IAPP / Amylin Monoclonal Antibody | anti-IAPP antibody

Mouse Monoclonal [clone R10/99] (IgG1) to Human IAPP / Amylin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51772	Mouse	Human	Immunofluorescence, Immunohistochemistry, Immunohistochemistry

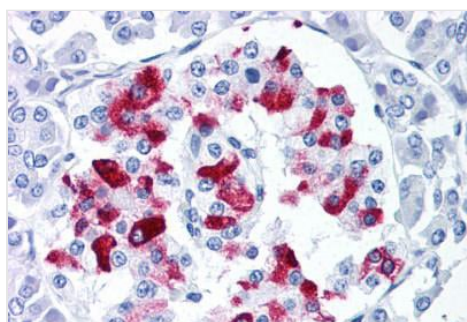
PRODUCT SYNONYMS

IAPP / Amylin; Monoclonal Antibody; Mouse Monoclonal [clone R10/99] (IgG1) to Human IAPP / Amylin; Anti-IAPP / Amylin Antibody (clone R10/99) IHC-plus; IAPP; Diabetes-associated peptide; Islet amyloid polypeptide; AMYLIN; IAP; Insulinoma amyloid peptide; Human IAPP; Amylin; anti-IAPP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	R10/99
Purity/Purification	Tissue culture supernatant
Form/Format	Tissue culture supernatant, 0.09% sodium azide. Sourced in TCS.
Sequence Length	89
Applicable Applications for anti-IAPP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	CATQRLANFLV coupled to tuberculin.
Immunogen Type	Synthetic peptide
Immunogen	IAPP / Amylin antibody was raised against cATQRLANFLV coupled to tuberculin.
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Anti-Amylin antibody IHC of human pancreas, islet of Langerhans. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IAPP antibody	Islet of insulinoma amyloid polypeptide (IAPP) is a 37 amino acids monomeric polypeptide isolated from pancreatic amyloid. It is commonly found in the islet of patients with diabetes mellitus type II and in insulinomas. IAPP selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557655
NCBI GeneID	3375
NCBI Accession #	NP_000406.1
NCBI GenBank Nucleotide #	NM_000415.2
UniProt Accession #	P10997; Q0ZD87; Q14598
Molecular Weight	9,806 Da
NCBI Official Full Name	islet amyloid polypeptide
NCBI Official Synonym Full Names	islet amyloid polypeptide
NCBI Official Symbol	IAPP
NCBI Official Synonym Symbols	DAP; IAP
NCBI Protein Information	islet amyloid polypeptide; amylin; insulinoma amyloid peptide; diabetes-associated peptide; Islet amyloid polypeptide (diabetes-associated peptide; amylin)
UniProt Protein Name	Islet amyloid polypeptide
UniProt Gene Name	IAPP
UniProt Synonym Gene Names	DAP
UniProt Entry Name	IAPP_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.