



Anti-IAPP monoclonal antibody, clone R10/99 (CABT-49084MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse anti Human Amylin antibody, clone R10/99 recognizes the islet amyloid polypeptide (amylin). Mouse anti Human Amylin antibody, clone R10/99 is of high affinity, and stains islet amyloid peptide in intra-cellular insulin granules, intra-cellular amyloid and extra-cellular islet amyloid. Immunohistology This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
Specificity	IAPP
Immunogen	CATQRLANFLV coupled to tuberculin
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	R10/99
Conjugate	Unconjugated
Applications	IHC-Fr; IF; IHC-P
Format	Tissue Culture Supernatant - liquid
Size	2 ml
Preservative	0.09% Sodium Azide
Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a

precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	IAPP islet amyloid polypeptide [Homo sapiens (human)]
Official Symbol	IAPP
Synonyms	IAPP; islet amyloid polypeptide; DAP; IAP; amylin; insulinoma amyloid peptide; diabetes-associated peptide; Islet amyloid polypeptide (diabetes-associated peptide; amylin);
Entrez Gene ID	3375
Protein Refseq	NP_000406
UniProt ID	P10997
Chromosome Location	12p12.1
Pathway	Amyloids; Calcitonin-like ligand receptors; Class B/2 (Secretin family receptors); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Developmental Biology; Disease; G alpha (s) signalling events; GPCR downstream signaling;
Function	hormone activity; identical protein binding; receptor binding;