

Pancreatic Amylase Antibody FITC Conjugated

Catalog No: #C05097F

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Description

Product Name	Pancreatic Amylase Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 160-210 511 derived from human Pancreatic Amylase
Conjugates	FITC
Target Name	Pancreatic Amylase
Other Names	PA; AMY2; Pancreatic alpha-amylase; 1,4-alpha-D-glucan glucanohydrolase; AMY2A
Accession No.	Swiss-Prot#P04746NCBI Gene ID279
Uniprot	P04746
GeneID	279;
Excitation Emission	494nm 518nm
Cell Localization	Secreted
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200

Background

Pancreatic amylase is a digestive enzyme secreted by the pancreas. It consists of a single polypeptide chain with a molecular weight of 54 kDa. Pancreatic amylase and salivary amylase are the products of separate genes and, although they share 98% amino acid sequence homology, they differ in molecular size, isoelectric point and antigenic properties. Measurement of amylase concentrations in serum is a diagnostic test for various pancreatic disorders (especially acute and relapsing pancreatitis).

Note: This product is for in vitro research use only