

Rat Pancreatic Amylase Antibody (Clone RPA-B5)

Mouse Monoclonal Antibody Catalog # ABV10079

Specification

Rat Pancreatic Amylase Antibody (Clone RPA-B5) - Product Information

Application E, WB
Primary Accession P00689
Reactivity Rat
Host Mouse
Clonality Monoclonal
Isotype Mouse IgG1
Calculated MW 57177

Rat Pancreatic Amylase Antibody (Clone RPA-B5) - Additional Information

Gene ID 497039

Application & Usage The antibody can be used for indirect

ELISA and WB.

Other Names

Amylase, pancreatic amylase, rat pancreatic amylase

Target/Specificity
Pancreatic Amylase

Antibody Form

Liquid

AppearanceColorless liquid

Formulation

 $100~\mu g$ (1.0 mg/ml) purified mouse monoclonal antibody supplied in PBS with 0.05% (W/V) sodium azide.

Handling

The antibody solution should be gently mixed before use.

Reconstitution & Storage -20 °C

Background Descriptions

Precautions

Rat Pancreatic Amylase Antibody (Clone RPA-B5) is for research use only and not for use in diagnostic or therapeutic procedures.



Rat Pancreatic Amylase Antibody (Clone RPA-B5) - Protein Information

Name Amy2

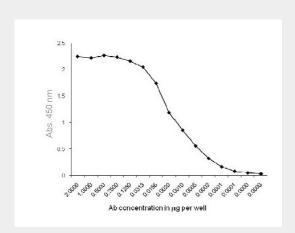
Cellular Location Secreted, extracellular space.

Rat Pancreatic Amylase Antibody (Clone RPA-B5) - Protocols

Provided below are standard protocols that you may find useful for product applications.

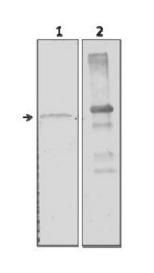
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Rat Pancreatic Amylase Antibody (Clone RPA-B5) - Images



Serial dilution of the antibody, starting with 2 μ g/well was done to check for the affinity. 1 mg of coated antigen can be sensitively detected by anti-rat Pancreatic Amylase antibody, clone B5 used at 30 pg/well concentration.





Pancreatic tissue lysate (lane 1) and recombinant Amylase(lane 2). The antibody detects the Rat Amylase at the expected molecular weight i.e. at \sim 54 kDa in the pancreatic lysate and recombinant protein at \sim 60 kDa.

Rat Pancreatic Amylase Antibody (Clone RPA-B5) - Background

Pancreatic amylase is a digestive enzyme secreted by pancreas into the intestine. It consists of a single polypeptide chain with a molecular weight of 54 kDa. Measurement of amylase concentrations in serum is a diagnostic test for various pancreatic disorders.