Recombinant Amy2 Monoclonal Antibody

catalog number: **AN301436L**

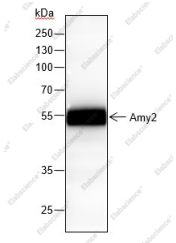
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse;Rat
Immunogen	Synthetic peptide derived from Amy2 anti
Host	Rabbit
Isotype	Rabbit IgG
Clone	C431059
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot with Amy2 Monoclonal Antibody at dilution of 1: 2000. Lane 1: Mouse pancreas

Observed-MW:57 kDa

Calculated-MW:58 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

α-amylase catalyzes the cleavage of 1, 4-α-D-glucosidic bonds in oligosaccharides and polysaccharides. The enzyme is normally produced and secreted in salivary glands (salivary α-amylase or AMY1) and pancreas (pancreatic α-amylase or AMY2A). Studies reported the release of an ectopically expressed α-amylase in certain tumors. Furthermore, a new type of α-amylase (carcinoid α-amylase or AMY2B) was identified in a lung carcinoid tissue. The ectopic expression of α-amylase in a neuroendocrine tumor was also reported.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com