Recombinant REG3B Monoclonal Antibody

catalog number: AN300572P

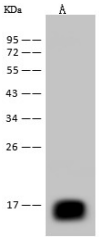
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse REG3B Protein
Host	Rabbit
Isotype	IgG
Clone	B507
Purification	Protein A
Buffer	0.2 μm filtered solution in PBS

Applications	Recommended Dilution
WB	1:500-1:2000

Data



Western Blot with REG3B Monoclonal Antibody at dilution of 1:500 dilution. Lane A: Mouse pancreas tissue lysate, Lysates/proteins at 30 μg per lane.

Observed-MW:17 kDa

Calculated-MW:19 kDa

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

Expression of REG3B was sufficient to inhibit cytokine-induced activation of STAT3 in IECs. The human REG3beta protein, the functional counterpart of mouse REG3B, inhibited STAT3 activity in human 293T cells, and its expression level in colorectal tumors correlated inversely with pSTAT3 level and survival times of patients. REG3B negatively regulates cytokine-induced activation of STAT3 in colon epithelial cells. This pathway might be targeted in patients with colitis to reduce carcinogenesis.

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