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Datasheet for ABIN7426958  
**anti-REG3A antibody (AA 40-164)**

2 Images

Overview

Quantity:	100 µL
Target:	REG3A
Binding Specificity:	AA 40-164
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This REG3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Regenerating Islet Derived Protein 3 Alpha (REG3a)
Immunogen:	Recombinant Regenerating Islet Derived Protein 3 Alpha (REG3a) corresponding to Cys40~Asn164 with N-terminal His Tag
Clone:	4#
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against REG3a. It has been selected for its ability to recognize REG3a in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

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Target:	REG3A
Alternative Name:	Regenerating Islet Derived Protein 3 Alpha ( <a href="#">REG3A Products</a> )
Background:	HIP, INGAP, PAP-H, PAP1, PBCGF, REG-III, REG3, Pancreatitis-Associated Protein, Hepatointestinal pancreatic protein, Human proislet peptide, Pancreatitis-associated protein 1

## Application Details

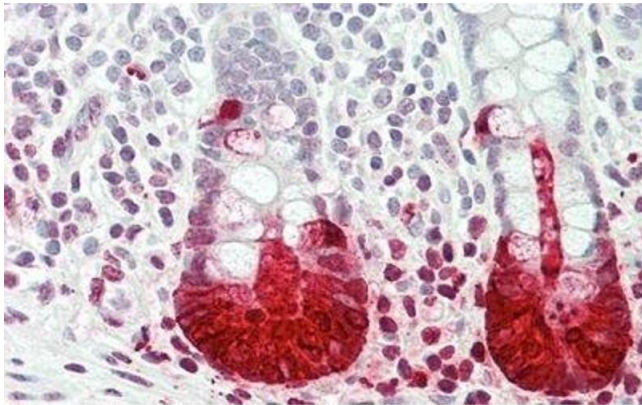
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Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

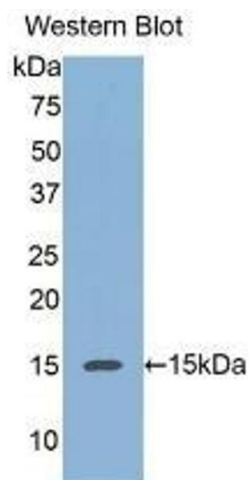
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Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



### Immunohistochemistry

**Image 1.** Detection of REG3a in Human Small Intestine Tissue using Monoclonal Antibody to Regenerating Islet Derived Protein 3 Alpha (REG3a)



### Western Blotting

**Image 2.** Detection of Recombinant REG3a, Human using Monoclonal Antibody to Regenerating Islet Derived Protein 3 Alpha (REG3a)