

Datasheet for ABIN6243770

**anti-REG3g antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	REG3g
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This REG3g antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This REG3G antibody is generated from a mouse immunized with a recombinant protein of human REG3G.
Clone:	1790CT313-66-2
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

## Target Details

Target:	REG3g
Alternative Name:	REG3G ( <a href="#">REG3g Products</a> )
Background:	Bactericidal C-type lectin which acts exclusively against Gram-positive bacteria and mediates bacterial killing by binding to surface-exposed carbohydrate moieties of peptidoglycan. Restricts bacterial colonization of the intestinal epithelial surface and consequently limits

## Target Details

activation of adaptive immune responses by the microbiota. The uncleaved form has bacteriostatic activity, whereas the cleaved form has bactericidal activity against *L.monocytogenes* and methicillin-resistant *S.aureus*. Regulates keratinocyte proliferation and differentiation after skin injury.

Molecular Weight: 19330

UniProt: [Q6UW15](#)

Pathways: [Activation of Innate immune Response](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P: 1:25

Restrictions: For Research Use only

## Handling

Format: Liquid

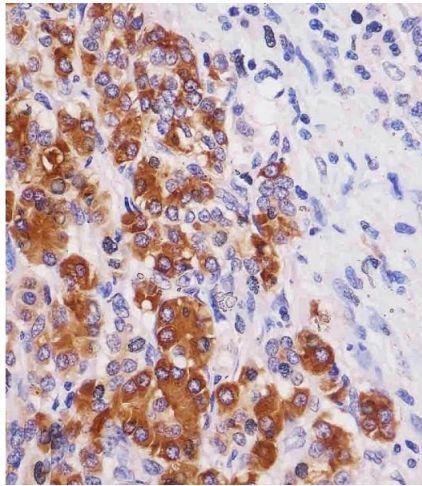
Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

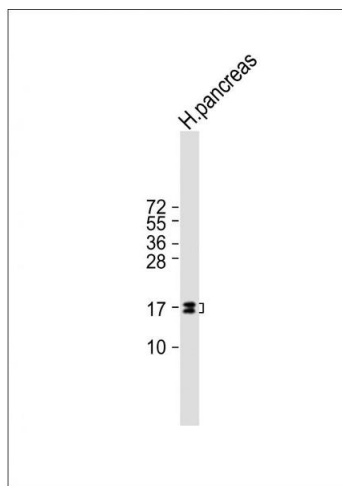
Storage: 4 °C,-20 °C

Expiry Date: 6 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** (ABIN6243770 and ABIN6577238) staining REG3G in human pancreas tissue sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3 % BSA for 0.5 hour at room temperature, antigen retrieval was by heat mediation with a citrate buffer (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



#### Western Blotting

**Image 2.** Anti-REG3G Antibody at 1:1000 dilution + Human pancreas lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 19 kDa. Blocking/Dilution buffer: 5 % NFDM/TBST.