



Datasheet for ABIN1944738

anti-REG3A antibody (C-Term)



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Overview

Quantity:	400 µL
Target:	REG3A
Binding Specificity:	AA 129-163, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This REG3A antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This REG3A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 129-163 amino acids from the C-terminal region of human REG3A.
Clone:	RB48666
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	REG3A
Alternative Name:	REG3A (REG3A Products)
Background:	Bactericidal C-type lectin which acts exclusively against Gram-positive bacteria and mediates

Target Details

bacterial killing by binding to surface-exposed carbohydrate moieties of peptidoglycan.
Regulates keratinocyte proliferation and differentiation after skin injury via activation of EXTL3-PI3K-AKT signaling pathway.

Molecular Weight: 19395

Gene ID: 5068

UniProt: [Q06141](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal 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

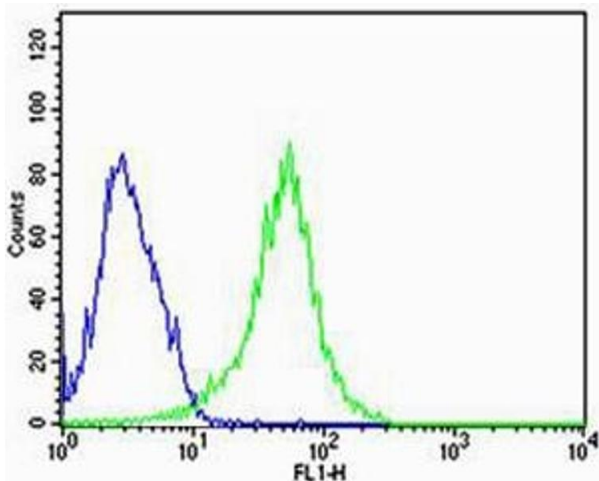
Publications

Product cited in: Huang, Wang, Xu, Lu, Xu, Li, Zhou, Sha: "Expression of a novel RAD23B mRNA splice variant in the human testis." in: **Journal of andrology**, Vol. 25, Issue 3, pp. 363-8, (2004) ([PubMed](#)).

Humphray, Oliver, Hunt, Plumb, Loveland, Howe, Andrews, Searle, Hunt, Scott, Jones, Ainscough, Almeida, Ambrose, Ashwell, Babbage, Babbage, Bagguley, Bailey, Banerjee, Barker, Barlow, Bates, Beasley et al.: "DNA sequence and analysis of human chromosome 9. ..." in: **Nature**, Vol. 429, Issue 6990, pp. 369-74, (2004) ([PubMed](#)).

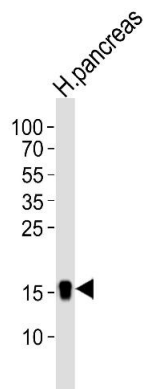
Masutani, Sugasawa, Yanagisawa, Sonoyama, Ui, Enomoto, Takio, Tanaka, van der Spek, Bootsma: "Purification and cloning of a nucleotide excision repair complex involving the

xeroderma pigmentosum group C protein and a human homologue of yeast RAD23." in: **The EMBO journal**, Vol. 13, Issue 8, pp. 1831-43, (1994) ([PubMed](#)).



Flow Cytometry

Image 1. Flow cytometric analysis of HepG2 cells using REG3A Antibody (C-term)(green, Cat(ABIN1944738 and ABIN2838562)) compared to an isotype control of rabbit IgG(blue). (ABIN1944738 and ABIN2838562) was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody.



Western Blotting

Image 2. Western blot analysis of lysate from human pancreas tissue lysate, using REG3A Antibody (C-term) (ABIN1944738 and ABIN2838562). (ABIN1944738 and ABIN2838562) was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.