Datasheet for ABIN3032339

anti-PCSK9 antibody (AA 144-173)

9 Images

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Overview

Quantity:	0.4 mL
Target:	PCSK9
Binding Specificity:	AA 144-173
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PCSK9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 144-173 from the human protein was used as the immunogen for this PCSK9 antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	PCSK9
Alternative Name:	PCSK9 (PCSK9 Products)
Background:	PCSK9 is a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. This protein is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the endoplasmic reticulum. The protein may function as a

Target Details

	proprotein convertase. The protein plays a role in cholesterol homeostasis and may have a role in the differentiation of cortical neurons.
UniProt:	Q8NBP7

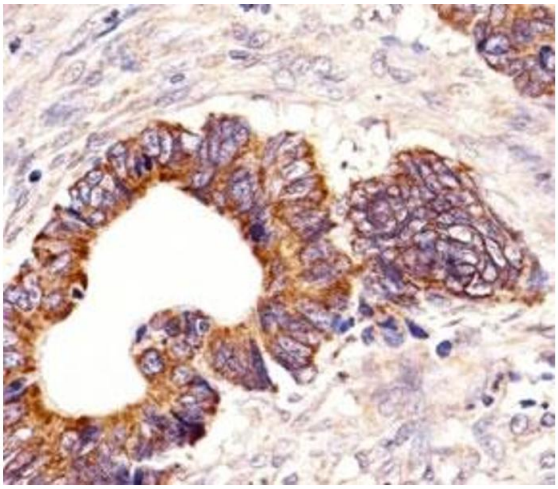
Application Details

Application Notes:	Titration of the PCSK9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Flow Cytometry: 1:25,IHC (Paraffin): 1:25,Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % 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:	-20 °C
Storage Comment:	Aliquot the PCSK9 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

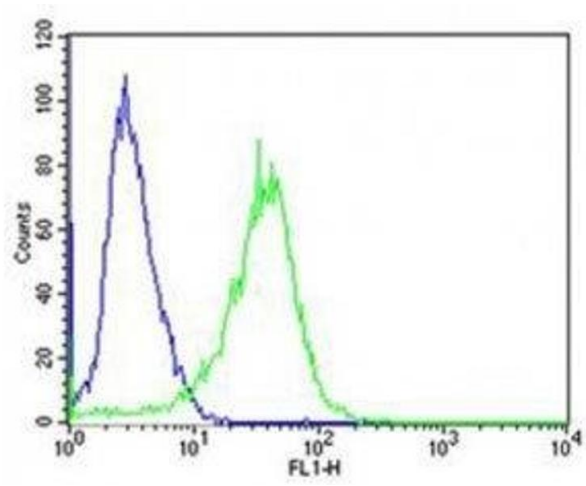
Images



Immunohistochemistry

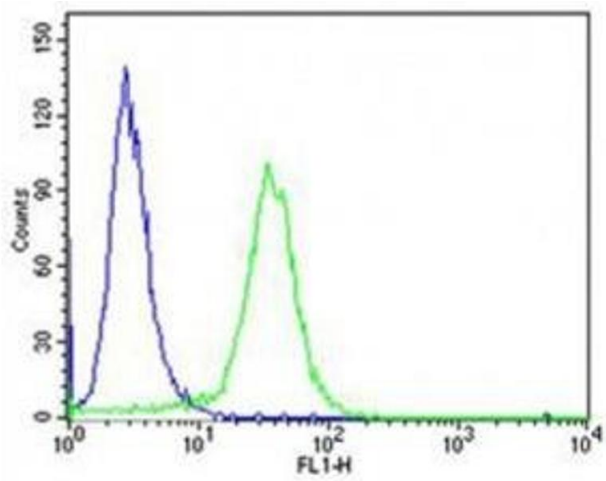
Image 1. Immunohistochemical analysis of paraffin-embedded human colorectal carcinoma section using PCSK9 antibody

Images



Flow Cytometry

Image 2. Flow cytometric analysis of A431 cells using PCSK9 antibody (green) compared to an isotype control of rabbit IgG (blue). Ab was diluted at 1:25 dilution. An Alexa Fluor 488 goat anti-rabbit IgG was used as the secondary Ab.



Flow Cytometry

Image 3. Flow cytometric analysis of HeLa cells using PCSK9 antibody (green) compared to an isotype control of rabbit IgG (blue)

Please check the product details page for more images. Overall 9 images are available for ABIN3032339.