

Datasheet for ABIN1881694
anti-Kallikrein 10 antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	400 µL
Target:	Kallikrein 10 (KLK10)
Binding Specificity:	AA 225-254, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Kallikrein 10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	This PRSSL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 225-254 amino acids from the C-terminal region of human PRSSL1.
Clone:	RB41617
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Kallikrein 10 (KLK10)
Alternative Name:	PRSSL1 (KLK10 Products)

Target Details

Background:	The function of this protein is unknown.
Molecular Weight:	30334
NCBI Accession:	NP_999875
UniProt:	Q6UWY2
Pathways:	Complement System

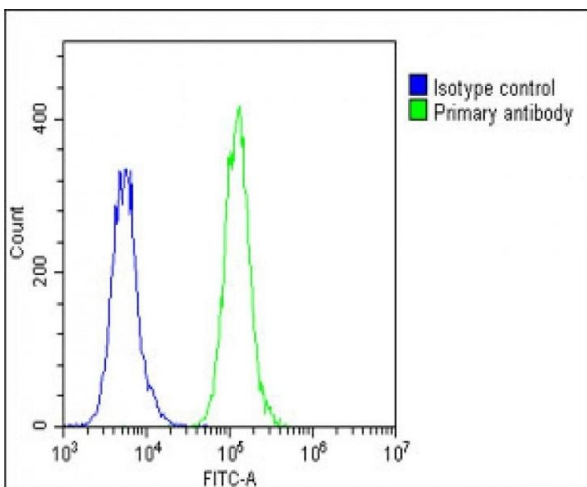
Application Details

Application Notes:	IF: 1:25. WB: 1:4000. WB: 1:2000. 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

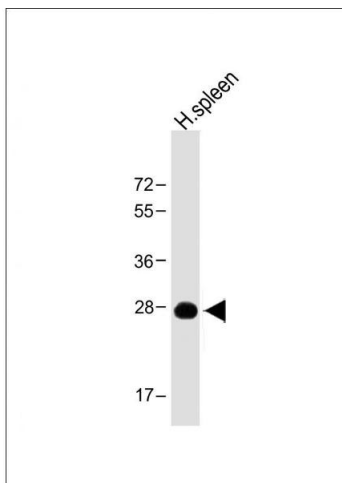
Images



Flow Cytometry

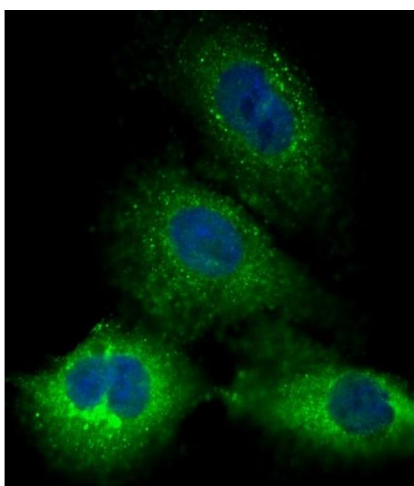
Image 1. Overlay histogram showing A549 cells stained with (ABIN1881694 and ABIN2838842)(green line). The cells were fixed with 2 % paraformaldehyde (10 min) and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN1881694 and ABIN2838842), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-

Adsorbed(1583138) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. Anti-PRSSL1 Antibody (C-term) at 1:4000 dilution + Human spleen lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 30 kDa. Blocking/Dilution buffer: 5 % NFDm/TBST.



Immunofluorescence

Image 3. Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized A549 cells labeling PRSS57 with (ABIN1881694 and ABIN2838842) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-Rabbit IgG (OH191631) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on A549 cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (1186255) at 1/500 dilution (red). The nuclear counter stain is DAPI (blue).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1881694.