

Rabbit Anti-NARC1/PCSK9 antibody

SL6060R

Product Name NARC1/PCSK9

Chinese Name 神经 Apoptosis 调节转化蛋白 1/前蛋白转化酶枯草溶菌素 9 抗体

Alias FH3; HCHOLA3; Hypercholesterolemia autosomal dominant 3; NARC 1; NARC-1; NARC1; NARC1; apoptosis regulated convertase 1; Neural apoptosis-regulated convertase 1; PC 9; PC9; PCSK 9; PCSK9_HUMAN; Proprotein convertase 9; Proprotein convertase PC9; Proprotein convertase subtilisin/kexin type 9; PSEC0052; Subtilisin/kexin like protease PC9; Subtilisin/kexin-like prot

Research Area Cardiovascular Cell biology immunology Neurobiology Signal transduction Stem cells Apoptosis transcriptional regulatory factor

Immunogen Species Rabbit

Clonality Polyclonal

React Species Human, Mouse, Rat,

Applications WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,Flow-C (Paraffin sections need antigen repair)
not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 57kDa

Cellular localization Secretory protein

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human PCSK9/NARC1: 231-330/692

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed

[PubMed](#)

May be implicated in the differentiation of cortical neurons and may play a role in cholesterol ho

Function:

The precursor protein but not the mature protein may form multimers.

Subunit:

The precursor protein but not the mature protein may form multimers.

Subcellular Location:

Secreted.

Tissue Specificity:

Expressed in neuro-epithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in Schw

Post-translational modifications:

The soluble zymogen undergoes autocatalytic intramolecular processing in the endoplasmic reticu
resulting in the cleavage of its propeptide that remains associated with the secreted enzyme.

Similarity:

Belongs to the peptidase S8 family.
Contains 1 peptidase S8 domain.

**Product
Detail**

SWISS:
Q8NBP7

Gene ID:
255738

Database links:

[Entrez Gene: 255738](#) Human

[Entrez Gene: 100102](#) Mouse

[Entrez Gene: 298296](#) Rat

[Omim: 607786](#) Human

[SwissProt: Q8NBP7](#) Human

[SwissProt: Q80W65](#) Mouse

[SwissProt: P59996](#) Rat

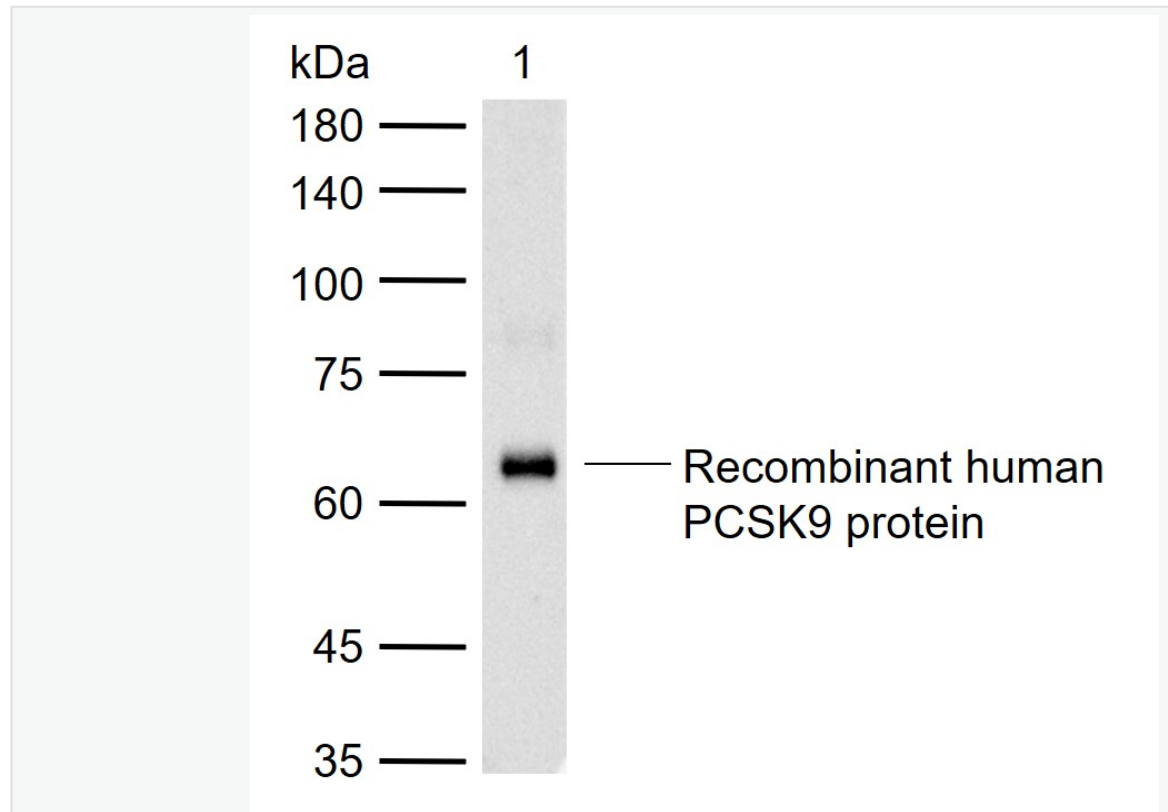
[Unigene: 18844](#) Human

[Unigene: 133268](#) Mouse

[Unigene: 19195](#) Rat

前蛋白转化酶枯草溶菌素 9(PCSK9)是近年来新发现的一种与调节脂质代谢密切相关的基
白转化酶 NARC-1。Narc-1/psk9 可通过调节细胞表面的低密度 Lipoprotein 受体(LDLR)对
质代谢,从而在动脉粥样硬化性疾病的发生、发展中发挥重要作用。

**Product
Picture**



Sample:

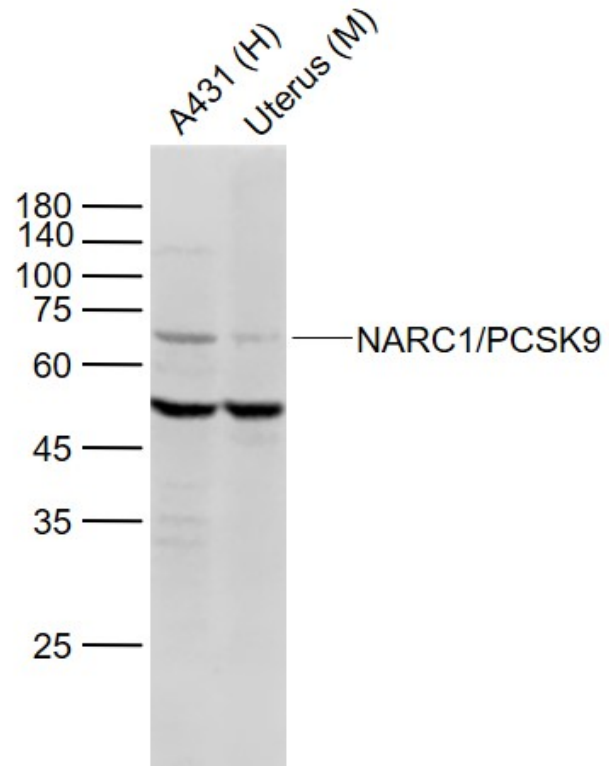
Lane 1: Recombinant human PCSK9 protein, C-His (HEK293)(SL43105P)

Primary: Anti-NARC1/PCSK9 (SL6060R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 57 kDa

Observed band size: 63 kDa



Sample:

Lane 1:A431(Human) Cell Lysate at 30 ug

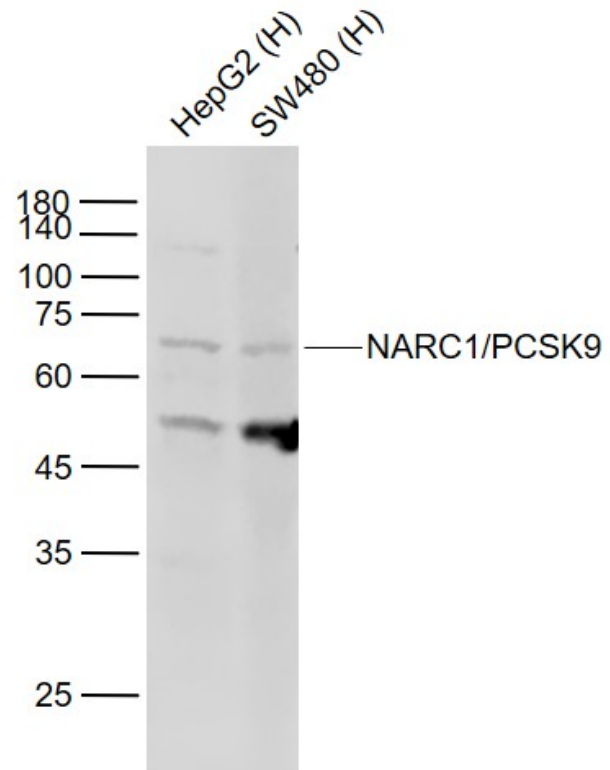
Lane 2:Uterus (Mouse) Lysate at 40 ug

Primary: Anti- NARC1/PCSK9 (SL6060R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 72 kD

Observed band size: 70 kD



Sample:

Lane 1: HepG2(Human) Cell Lysate at 30 ug

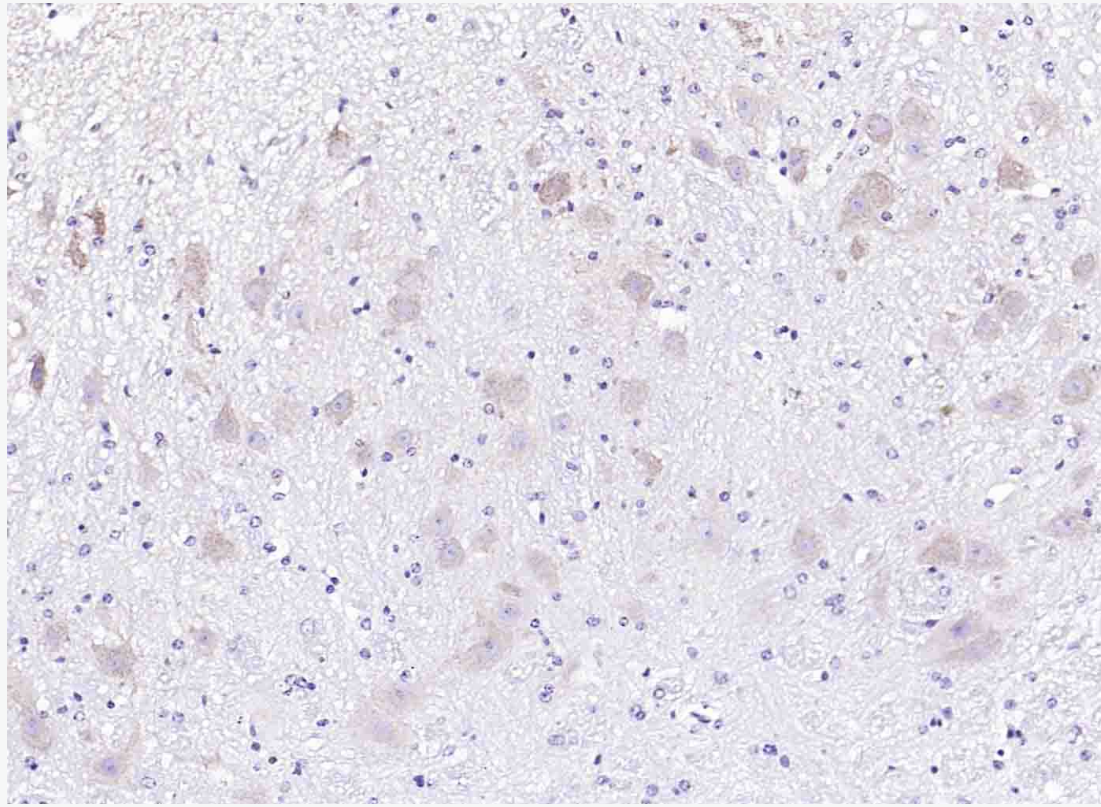
Lane 2: SW480(Human) Cell Lysate at 30 ug

Primary: Anti- NARC1/PCSK9 (SL6060R) at 1/1000 dilution

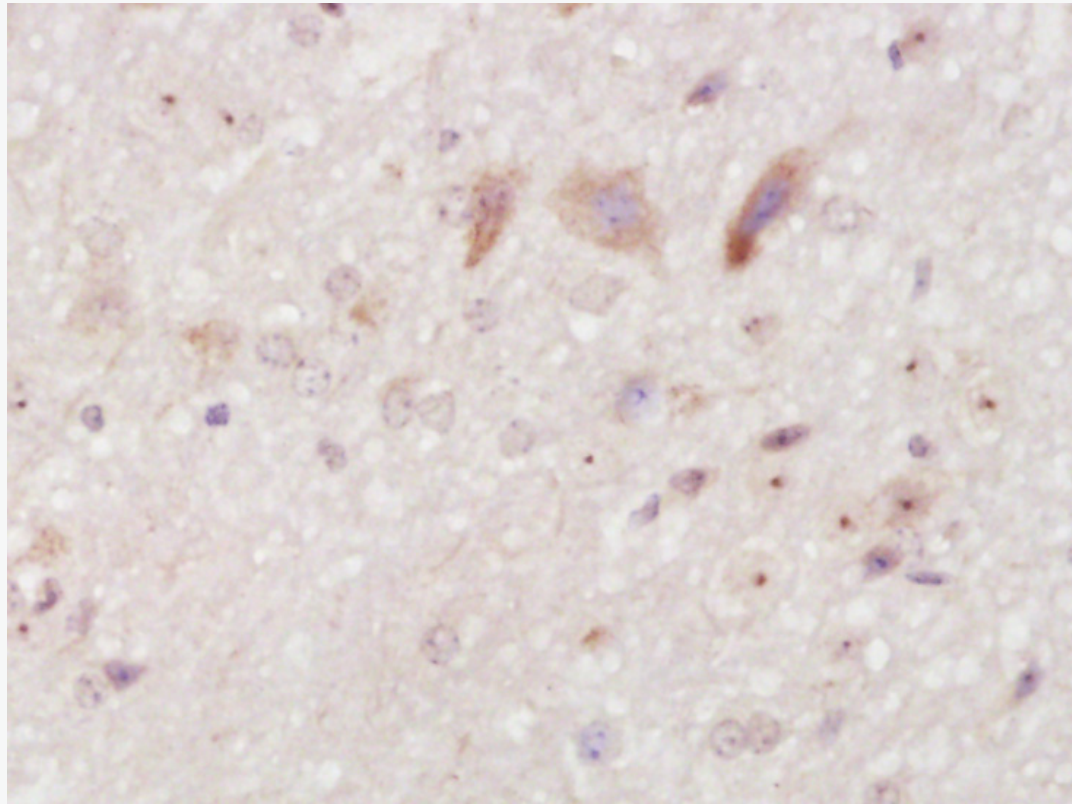
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 72 kD

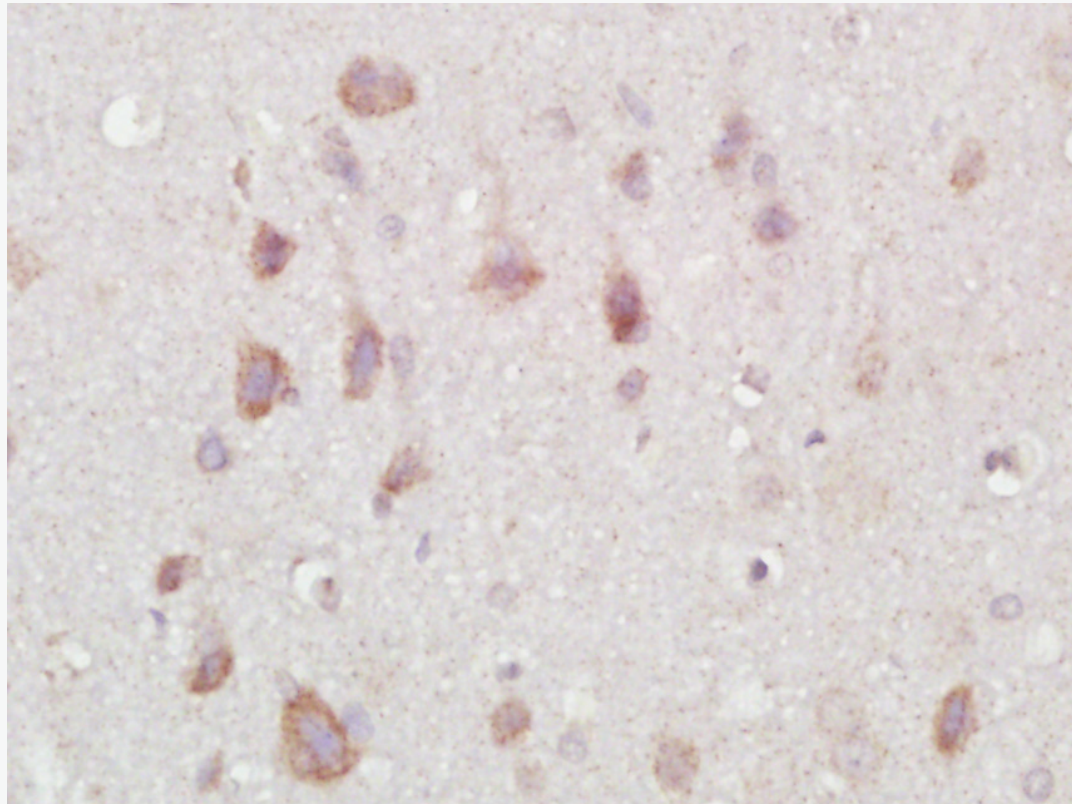
Observed band size: 70 kD



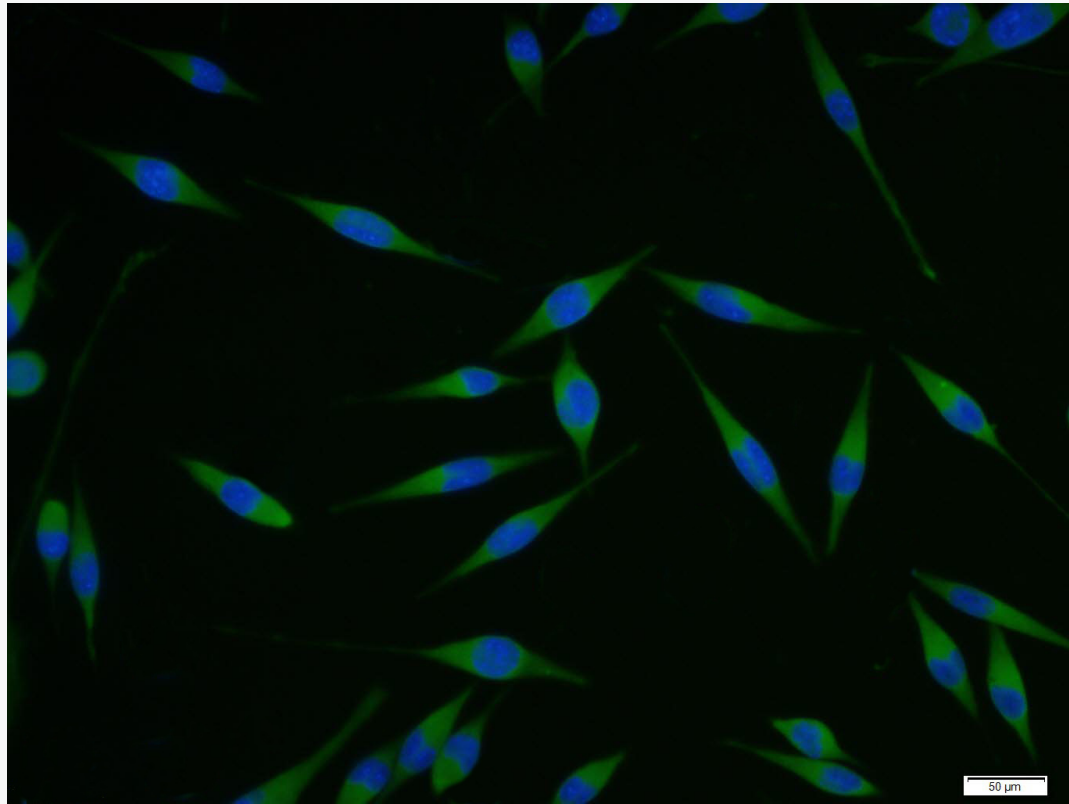
Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NARC1/PCP2) Polyclonal Antibody, Unconjugated (SL6060R) at 1:200 overnight at 4°C, followed by operation according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



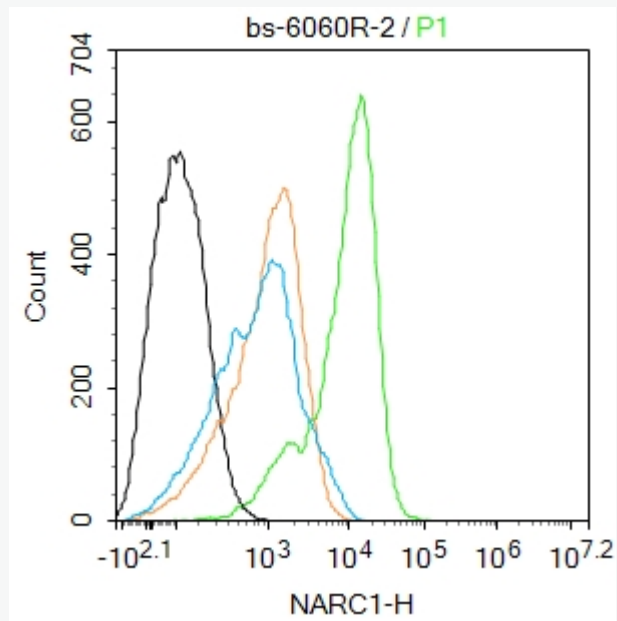
Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NARC1 Polyclonal Antibody, Unconjugated (SL6060R) at 1:400 overnight at 4°C, followed by operation according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (NARC1 Polyclonal Antibody, Unconjugated (SL6060R) at 1:400 overnight at 4°C, followed by operation according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



A431 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (NARC1/PCSK9) Antibody, Unconjugated (SL6060R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the nuclei.



Blank control: K562.

Primary Antibody (green line): Rabbit Anti-NARC1/PCSK9 antibody (SL6060R)

Dilution: 2 μ g /10⁶ cells;

Isotype Control Antibody (orange line): Rabbit IgG .

Secondary Antibody : Goat anti-rabbit IgG-FITC

Dilution: 0.5 μ g /test.

Protocol

The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% methanol for 20 min at -20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



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