

For Research Use Only

Anti-Human SOX9 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98586-1-PBS



Basic Information

Catalog Number:

98586-1-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000346

GeneID (NCBI):

6662

UNIPROT ID:

P48436

Full Name:

SRX (sex determining region Y)-box 9

Calculated MW:

56 kDa

Purification Method:

Protein A purification

CloneNo.:

251471F12

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Background Information

SOX9, also named as Transcription factor SOX-9, is a 509 amino acid protein. Sex-determining region Y (SRX)-box 9 protein (SOX9) is a member of the SOX family of transcription factors (TFs) which are developmental regulators that possess high mobility group (HMG) box DNA binding and transactivation domains. It participates in a variety of functions, such as lineage restriction and terminal differentiation, through precise temporal and spatial expression patterns that differ between particular cell types and tissues. SOX9 gene has been implicated in different types of cancer as an oncogene; however, it also may behave as a tumor suppressor.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

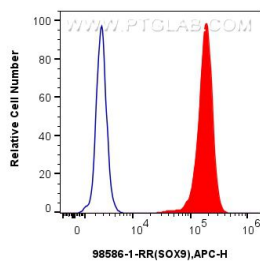
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E: Proteintech-CN@ptglab.com

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ SW480 cells were intracellularly stained with 0.25 ug Anti-Human SOX9 Rabbit RecAb (98586-1-RR, Clone: 251471F12) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and CoraLite647-conjugated F(ab')₂ Fragment Donkey Anti-Rabbit IgG (H+L) (SA00014-7). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 98586-1-PBS in a

