

For Research Use Only

Anti-Human SOX9 Rabbit Recombinant Antibody

Catalog Number: 98586-1-RR



Basic Information

Catalog Number:

98586-1-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000346

GeneID (NCBI):

6662

UNIPROT ID:

P48436

Full Name:

SRY (sex determining region Y)-box 9

Calculated MW:

56 kDa

Purification Method:

Protein A purification

CloneNo.:

251471F12

Recommended Dilutions:

FC (Intra): 0.25 µg per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra): SW480 cells, HepG2 cells, PC-3 cells

Background Information

SOX9, also named as Transcription factor SOX-9, is a 509 amino acid protein. Sex-determining region Y (SRY)-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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

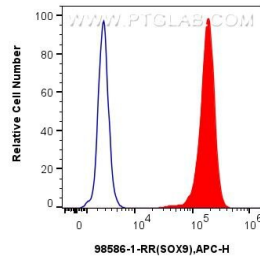
For technical support and original validation data for this product please contact:

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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



1×10^6 SW480 cells were intracellularly stained with 0.25 μ g Anti-Human SOX9 Rabbit RecAb (98586-1-RR, Clone: 251471F12) (red) or 0.25 μ g 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).