

For Research Use Only

FOXP4 Recombinant antibody

Catalog Number: 84855-1-RR



Basic Information

Catalog Number:

84855-1-RR

Size:

100ul , Concentration: 1000 ug/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10047

GenBank Accession Number:

BC052803

GeneID (NCBI):

116113

UNIPROT ID:

Q8IVH2

Full Name:

forkhead box P4

Calculated MW:

678 aa, 73 kDa

Purification Method:

Protein A purification

CloneNo.:

242356B4

Recommended Dilutions:

IF/ICC 1:250-1:1000

Applications

Tested Applications:

IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells, HepG2 cells

Background Information

FOXP4, also named as FKHLA, belongs to the FOX family. FOXP4 has been implicated in diverse biological processes in tumor initiation and progression. It has been demonstrated that FOXP4 is significantly upregulated in breast cancer, hepatocellular carcinoma and oral squamous cell carcinoma (PMID: 34590150). FOXP4 has 3 isoforms with the molecular mass of 72-73 kDa.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

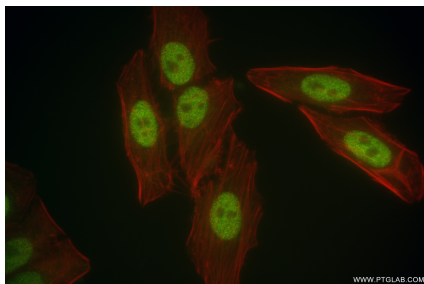
For technical support and original validation data for this product please contact:

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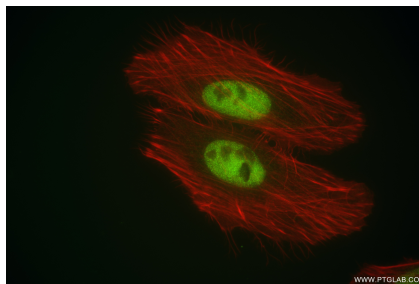
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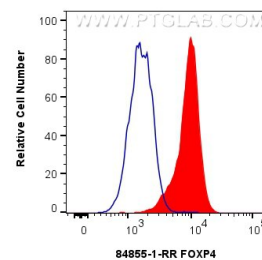
Selected Validation Data



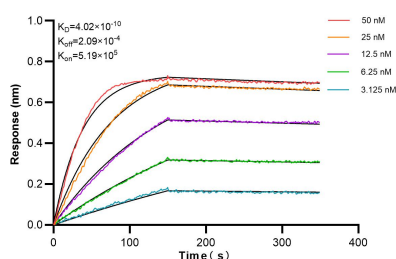
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using FOXP4 antibody (84855-1-RR, Clone: 242356B4) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using FOXP4 antibody (84855-1-RR, Clone: 242356B4) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1x10⁶ HepG2 cells were intracellularly stained with 0.25 ug FOXP4 Recombinant antibody (84855-1-RR, Clone:242356B4) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Biolayer interferometry (BLI) kinetic assays of 84855-1-RR against Human FOXP4 were performed. The affinity constant is 0.402 nM.