

For Research Use Only

FOXF1 Recombinant antibody, PBS Only

Catalog Number:84020-3-PBS



Basic Information

Catalog Number: 84020-3-PBS	GenBank Accession Number: NP_001442	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 2294	CloneNo.: 241076C8
Source: Rabbit	UNIPROT ID: Q12946	
Isotype: IgG	Full Name: forkhead box F1	
Immunogen Catalog Number: AG34266	Calculated MW: 40 kDa	
	Observed MW: 40 kDa	

Applications

Tested Applications:
IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:
human

Background Information

FOXF1 (Forkhead box protein F1), also known as FKHL5, It is expected to be located in the nucleus, which is expressed predominantly in lung and placenta. FOXF1, a member of the Forkhead box family of transcription factors, as one of the most highly and consistently upregulated genes in FP-RMS. While it is known that FOXF1 is required for mesodermal differentiation toward endothelial and smooth muscle cell lineages, FOXF1 is not expressed in differentiated skeletal muscle cells, and its role in fusion-positive FP-RMS remains unknown (PMID: 33627785). The molecular weight of FOXF1 is 40 kDa.

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

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

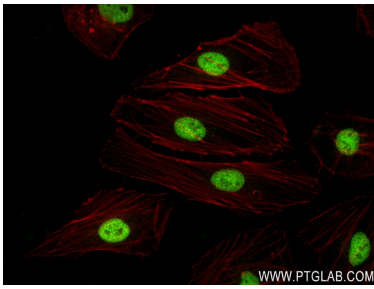
T: 4006900926

E: Proteintech-CN@ptglab.com

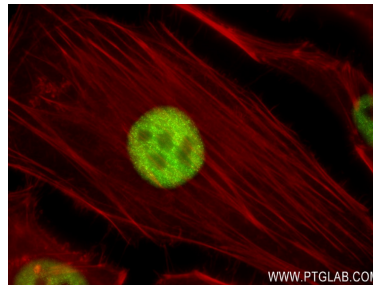
W: ptgcn.com

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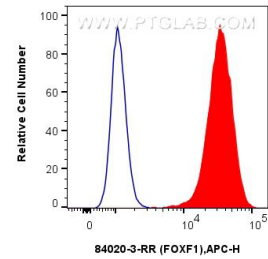
Selected Validation Data



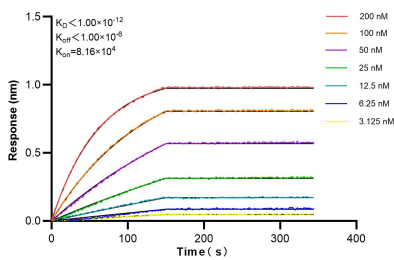
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using FOXF1 antibody (84020-3-RR, Clone: 241076C8) at dilution of 1:250 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84020-3-PBS in a different storage buffer formulation.



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1x10⁶ HeLa cells were intracellularly stained with 0.25 ug FOXF1 Recombinant antibody (84020-3-RR, Clone:241076C8) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set. This data was developed using the same antibody clone with 84020-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84020-3-RR against Human FOXF1 were performed. The affinity constant is below 1 pM.