

For Research Use Only

# FANCM Recombinant antibody

Catalog Number: 82897-2-RR



## Basic Information

Catalog Number: 82897-2-RR	GenBank Accession Number: BC140776	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 57697	CloneNo.: 230233G5
Source: Rabbit	UNIPROT ID: Q8IYD8	Recommended Dilutions: IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate
Isotype: IgG	Full Name: Fanconi anemia, complementation group M	IHC 1:200-1:800 IF/ICC 1:500-1:2000
Immunogen Catalog Number: AG34447		

## Applications

Tested Applications: IHC, IF/ICC, FC (Intra), IP, ELISA	Positive Controls:
Species Specificity: human	IP : HepG2 cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	IHC : mouse testis tissue,
	IF/ICC : HeLa cells,

## Background Information

### 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

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

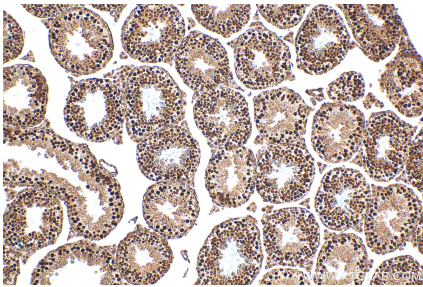
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

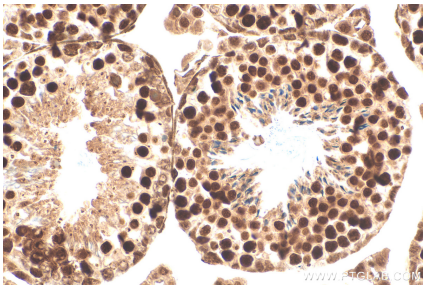
W: [ptgcn.com](http://ptgcn.com)

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

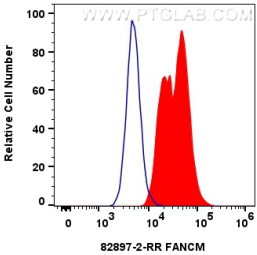
Selected Validation Data



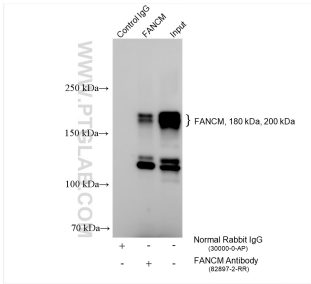
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82897-2-RR (FANCM antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



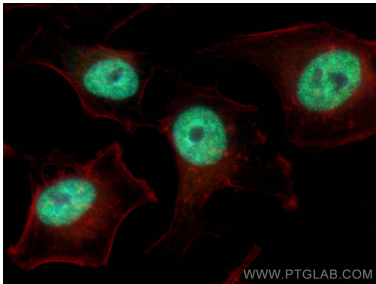
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82897-2-RR (FANCM antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1x10<sup>6</sup> PC-3 cells were intracellularly stained with 0.25 ug FANCM Recombinant antibody (82897-2-RR, Clone:230233G5) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



IP result of anti-FANCM (IP:82897-2-RR, 4ug; Detection:82897-2-RR 1:500) with HepG2 cells lysate 400 ug.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using FANCM antibody (82897-2-RR, Clone: 230233G5 ) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).