

FANCF (1:16) Antibody Data Sheet

HGNC: FA complementation group F

Animal: J9695, J9696

Type: Affinity Purified Rabbit Polyclonal

Antigen: 1:16

Peptide Sequence: MESLLQHLDRFSELLAC

Assay: WB

Confirmed Species Cross-Reactivity: Human

Supplier: NEP

Project Number: 4418

Individual Animal Serum/Unpurified Serum Available: YES

Storage: This antibody is stored in 50% Glycerol, .05% Azide, and 1% BSA and can be kept at 4°C or -20°C safely.

- Due to the presence of BSA in the buffer, non-BSA based blocking solutions may be helpful in limiting background signal.

Feedback Required:

All users are required to submit use-data. Please refer to the [FARM Antibodies page](#) for instructions on how to submit.

Citing FARM:

All users are required to cite FARM in publications. Please refer to the [FARM Publications page](#) for instructions on how to cite.

FANCF (1:16) antiserum Western test results

Submitter(s): Bahaa Noori bahaa_noori@uri.edu and Niall Howlett nhowlett@uri.edu

Date: 11/10/2022

Western Blot of EUFA121 Response to MMC Treatment

Run Date: 11-10-2022

Exposure time of
each picture from
top to the bottom:

1- 15 Sec

2- 1 min

3- 1 Min

4- 15 Sec

Cell Key

FA-F = EUFA121 + pMMP-Empty

FANCF = EUFA121 + pMMP-FANCF

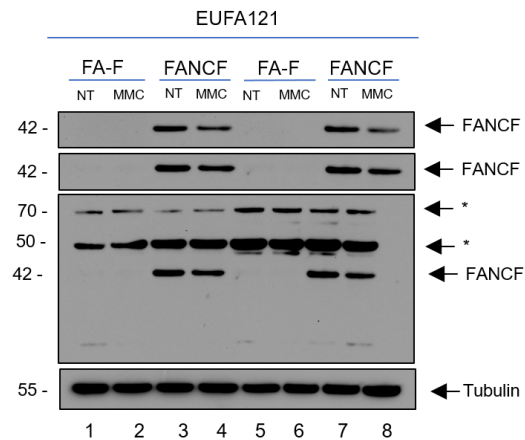


Figure 1: EUFA121 were treated with 1uM Mitomycin C (MMC) for 24h. Then harvested and ran for FANCF. I ran them in duplicate (lanes 1-4 and 5-8). I probed for FANCF with FANCF (1:16) (1:2000 dilution) from FARF. Primary antibody incubation overnight. 2nd antibody (Lot# NA9341, Fisher Scientific) (dilution: 1:5000) 1h incubation. Tubulin (Lot#581P 2111B, NeoMarkers Fremont, CA) was incubated overnight, 2nd (Lot# NA931, Fisher Scientific) (dilution: 1:5000) was 1h. Developed using the developer.

FANCF (1:16) antiserum Western test results

Submitter(s): Vrugt, H.J. van de (Henri) h.vandevrugt@amsterdamumc.nl, and Rockx, D.A.P. rockx@amsterdamumc.nl

Date: 9/2/2019

Experimental Set-Up:

Cell Line: 293T, Lymphoblastoid cell lines

Control(s):

Positive: 293T cell lysates, VU012_L (lymphoblastoid) cell lysates; transient and stable transfection of 293T, VU698L (FA-F) with plasmids expressing FANCF(-GFP) were included.

Negative: cell lysates from FANCF individuals (VU0698-L and VU0121-F)

Treatment: -

Protein: RIPA cell lysates

Western Blot Conditions:

Samples Loaded: Whole cell lysate (~40-60 µg/well)

SDS Page: 8-16% Mini-PROTEAN TGX™ gels (BIORAD)

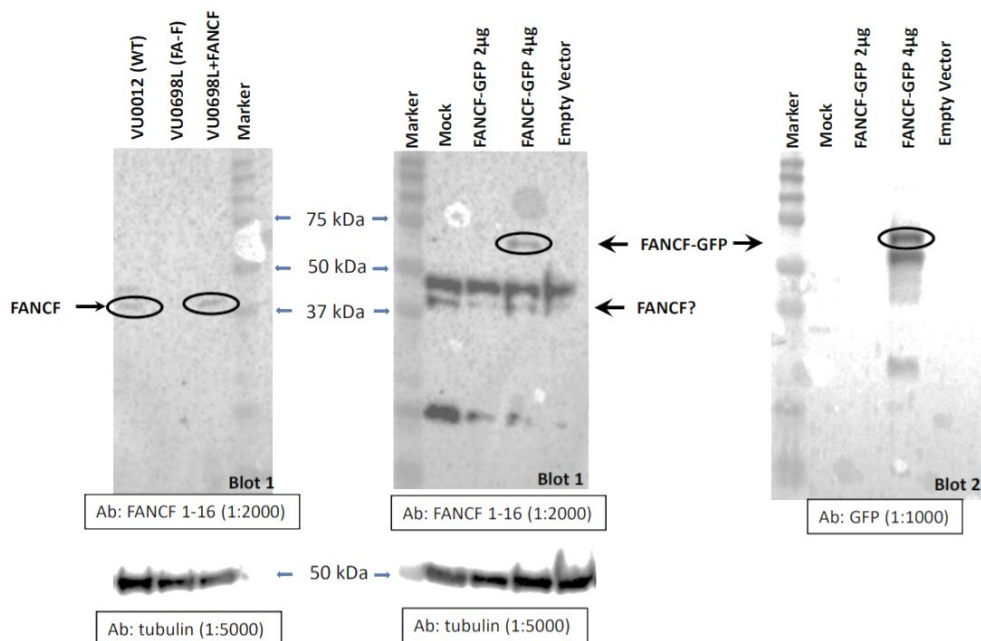
Transfer Condition: 2.5 hours @ 300mA

Detection: Chemiluminescence (ECL™ Prime; Amersham), via secondary (HRP conjugated)

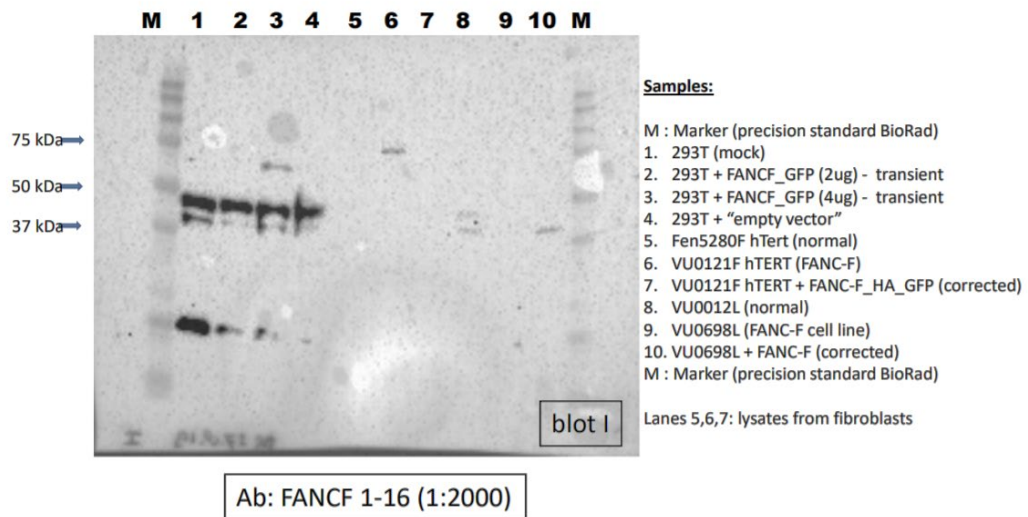
	Primary Antibody: NAME	Secondary Antibody: NAME
Source	FARF, FANCF (1:16)	Goat-α-Rabbit HRP (DAKO; P0448)
Concentration	0.555 mg/ml	-
Dilution	1:2000	1:5000
Final Concentration	0.27ug/ml	-
Incubation Temp/Time	ON @ 4°C	3 hours @ 4°C

Results:

Anti-human FANCF Rabbit sera testing



Anti-human FANCF Rabbit sera testing: full overview FANCF 1-16



Interpretation:

A positive FANCF signal was obtained for the FANCF 1-16 serum in transiently transfected 293 cells. Also, this serum detects a (faint) band in lymphoblastoid cell lines that corresponds to (endogenous) FANCF.