

For Research Use Only

FANCA Recombinant antibody

Catalog Number: 84923-5-RR



Basic Information

Catalog Number:

84923-5-RR

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2598

GenBank Accession Number:

BC008979

GeneID (NCBI):

2175

UNIPROT ID:

O15360

Full Name:

Fanconi anemia, complementation group A

Calculated MW:

163 kDa

Observed MW:

163 kDa

Purification Method:

Protein A purification

CloneNo.:

242600E10

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, COLO 320 cells, A549 cells, HEK-293 cells, Jurkat cells

Background Information

FANCA, also named as FAA, FACA and FANCH, is DNA repair protein that may operate in a postreplication repair or a cell cycle checkpoint function. FANCA may be involved in interstrand DNA cross-link repair and in the maintenance of normal chromosome stability. Defects in FANCA are a cause of Fanconi anemia (FA) which is a genetically heterogeneous, autosomal recessive disorder characterized by progressive pancytopenia, a diverse assortment of congenital malformations, and a predisposition to the development of malignancies. The antibody is specific to isoform1 of FANCA.

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

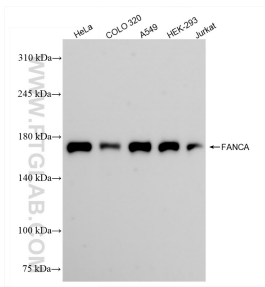
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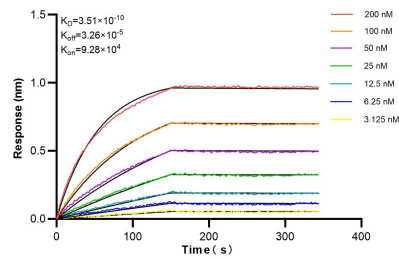
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84923-5-RR (FANCA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84923-5-RR against Human FANCA were performed. The affinity constant is 0.351 nM.