

For Research Use Only

# FANCA Recombinant antibody, PBS Only

Catalog Number: 84923-5-PBS



## Basic Information

<b>Catalog Number:</b> 84923-5-PBS	<b>GenBank Accession Number:</b> BC008979	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2175	<b>CloneNo.:</b> 242600E10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O15360	
<b>Isotype:</b> IgG	<b>Full Name:</b> Fanconi anemia, complementation group A	
<b>Immunogen Catalog Number:</b> AG2598	<b>Calculated MW:</b> 163 kDa	
	<b>Observed MW:</b> 163 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human

## 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

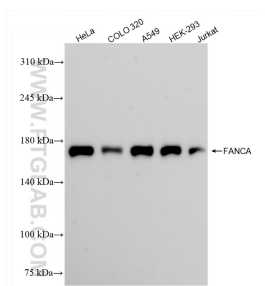
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

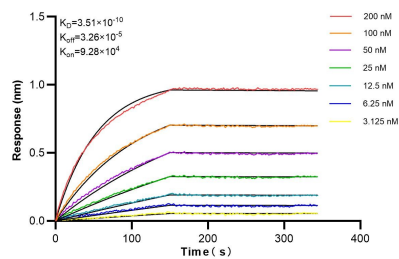
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## Selected Validation Data



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. This data was developed using the same antibody clone with 84923-5-PBS in a different storage buffer formulation.



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