

Datasheet for ABIN749903
anti-FANCD2 antibody (AA 101-200)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	FANCD2
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCD2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FANCD2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FANCD2
Alternative Name:	FANCD2 (FANCD2 Products)

Target Details

Background: Synonyms: FA 4, FA D2, FA4, FAC D2, FACD 2, FACD, FACD2, FAD, FAD2, FANC D2, FANCD 2, FANCD, Protein FACD2, Type 4 Fanconi pancytopenia, FACD2_HUMAN, Fanconi anemia group D2 protein, Protein FACD2.

Background: Fanconi Anemia (FANCA) is a human autosomal-recessive cancer susceptibility disorder characterized by congenital defects, progressive bone marrow failure, and cellular hypersensitivity to mitomycin C (MMC). The FANCA subunit D2 protein is vital for cellular resistance to DNA cross-linking and the arrest of DNA synthesis after ionizing radiation. DNA damage activates the monoubiquitination of FANCA D2, targeting nuclear foci containing the BRCA 1 protein.

Gene ID: 2177

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months