

Datasheet for ABIN749905
anti-FANCD2 antibody (AA 101-200) (Biotin)



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Overview

Quantity:	100 µL
Target:	FANCD2
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCD2 antibody is conjugated to Biotin
Application:	ELISA, 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)
Background:	Synonyms: FA 4, FA D2, FA4, FAC D2, FACD 2, FACD, FACD2, FAD, FAD2, FANC D2, FANCD 2,

Target Details

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: IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months