

Datasheet for ABIN1696136

anti-FANCD2 antibody (pSer1404) (AbBy Fluor® 488)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	FANCD2
Binding Specificity:	pSer1404
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCD2 antibody is conjugated to AbBy Fluor® 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human FANCD2 around the phosphorylation site of Ser1404
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	FANCD2
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Target Details

Alternative Name: [FANCD2 \(FANCD2 Products\)](#)

Background: Synonyms: FANCD2 phospho S1404, FANCD2 phospho Ser1404, p-FANCD2 phospho S1404, 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 (FANC) is a human autosomal-recessive cancer susceptibility disorder characterized by congenital defects, progressive bone marrow failure, and cellular hypersensitivity to mitomycin C (MMC). The FANC 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 FANC D2, targeting nuclear foci containing the BRCA 1 protein.

Gene ID: 2177

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: FCM 1:20-100
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: 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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months