

Datasheet for ABIN7152549
anti-FANCD2 antibody (AA 1-291) (Biotin)



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Overview

Quantity:	100 µg
Target:	FANCD2
Binding Specificity:	AA 1-291
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCD2 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Fanconi anemia group D2 protein (1-291AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	FANCD2
Alternative Name:	FANCD2 (FANCD2 Products)
Background:	Background: Required for maintenance of chromosomal stability. Promotes accurate and efficient pairing of homologs during meiosis. Involved in the repair of DNA double-strand

Target Details

breaks, both by homologous recombination and single-strand annealing. May participate in S phase and G2 phase checkpoint activation upon DNA damage. Plays a role in preventing breakage and loss of missegregating chromatin at the end of cell division, particularly after replication stress. Required for the targeting, or stabilization, of BLM to non-centromeric abnormal structures induced by replicative stress. Promotes BRCA2/FANCD1 loading onto damaged chromatin. May also be involved in B-cell immunoglobulin isotype switching.

Aliases: DKFZp762A223 antibody, FA 4 antibody, FA D2 antibody, FA4 antibody, FAC D2 antibody, FACD 2 antibody, FACD antibody, FACD2 antibody, FACD2_HUMAN antibody, FAD antibody, FAD2 antibody, FANC D2 antibody, FANCD 2 antibody, FANCD antibody, FANCD2 antibody, FANCONI ANEMIA COMPLEMENTATION GROUP D antibody, Fanconi anemia complementation group D2 antibody, Fanconi anemia group D2 protein antibody, FANCONI PANCYTOPENIA TYPE 4 antibody, FLJ23826 antibody, OTTHUMP00000158853 antibody, OTTHUMP00000207925 antibody, Protein FACD2 antibody, Type 4 Fanconi pancytopenia antibody

UniProt: [Q9BXW9](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.