



FANCD2 Antibody, Biotin conjugated

Product Code	CSB-PA866311LD01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9BXW9
Immunogen	Recombinant Human Fanconi anemia group D2 protein (1-291AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	Required for maintenance of chromosomal stability. Promotes accurate and efficient pairing of homologs during meiosis. Involved in the repair of DNA double-strand 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.
Form	Liquid
Conjugate	Biotin
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Fanconi anemia group D2 protein (Protein FACD2), FANCD2, FACD
Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	FANCD2