Product Name: **FANCD2 (16Q3) Rabbit Monoclonal Antibody**
Catalog #: **AMRe10826**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.36mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1000-1:5000,IHC 1:50-1:200,ICC/IF 1:200-1:500,FC 1:100-1:200,IP 1:10-1:100
Molecular Weight	164kDa

Antigen Information

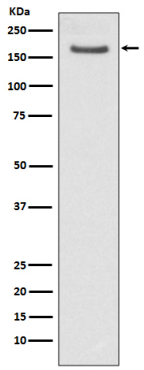
Gene Name	FANCD2
Alternative Names	FA D2; FA4; FAC D2; FACD 2; FACD; FACD2; FAD; FAD2; FANCD 2; FANCD; FANCD2; Fanconi anemia group D2 protein; FLJ23826; Protein FACD2; Type 4 Fanconi pancytopenia;
Gene ID	2177.0
SwissProt ID	Q9BXW9
Immunogen	A synthetic peptide of human FANCD2

Background

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. 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.

Research Area

Image Data



Western blot analysis of FANCD2 expression in HeLa cell lysate.