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[Primary Antibody]

Recombinant Rabbit Anti-FANCD2 Monoclonal Antibody

Catalog Number: SLA1402M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	17C6
GeneID:	2177
SWISS:	Q9BXW9
Target:	FANCD2
Immunogen:	A synthesized peptide derived from human FANCD2
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) ICC/IF (1:50-200) IP (1:20-50) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human
Predicted MW.:	164 kDa
Subcellular Location:	Nucleus
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. 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.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.