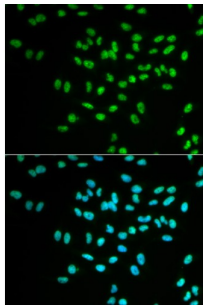
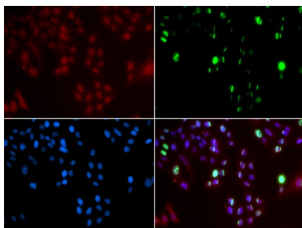


Fanconi Anemia Complementation Group D2 (FANCD2) Antibody

Catalogue No.: abx001687



Immunofluorescence analysis of MCF-7 cells using FANCD2 Antibody



Immunofluorescence analysis of GFP-RNF168 transgenic U2OS cells using FANCD2 Antibody

Fanconi Anemia Group D2 Protein (FANCD2) Antibody is a Rabbit Polyclonal antibody against Fanconi Anemia Group D2 Protein (FANCD2). The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), Fanconi Anemia Group D2 Protein (FANCD2), FANCE, FANCF, FANCG, FANCI, FANCI (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity; they are related by their assembly into a common nuclear protein complex. This gene encodes the protein for complementation group D2. This protein is monoubiquitinated in response to DNA damage, resulting in its localization to nuclear foci with other proteins (BRCA1 AND BRCA2) involved in homology-directed DNA repair. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008].

Target: Fanconi Anemia Complementation Group D2 (FANCD2)**Clonality:** Polyclonal**Reactivity:** Human**Tested Applications:** IF/ICC**Host:** Rabbit**Recommended dilutions:** IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.**Conjugation:** Unconjugated

Datasheet

Version: 4.0.0
Revision date: 25 Mar 2025



Immunogen:	Recombinant fusion protein corresponding to human FANCD2
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9BXW9 (UniProt , ExPASy)
Gene Symbol:	FANCD2
GeneID:	2177
NCBI Accession:	NP_001018125.1
String:	9606.ENSP00000287647
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only