

## FANCD2 Rabbit pAb

db1985

Package : 20µL 50µL 100µL

**Product Name** : FANCD2 Rabbit pAb**Cat.No.:** db1985**Synonyms** : FA4; FAD; FACD; FAD2; FA-D2; FANCD**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), 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 multiple transcript variants. [provided by RefSeq, Feb 2016]

**Immunogen**

A synthetic peptide of human FANCD2

**Gene ID**

2177

**Swiss Prot**

Q9BXW9

**Synonyms**

FA4; FAD; FACD; FAD2; FA-D2; FANCD

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000-1:5000

IHC: 1:20-1:100

ICC/IF: 1:50

FC: 1:200

IP: 1:20-1:50

**Calculated MW**

164 kDa

**Observed MW**

164 kDa

|                          |   |
|--------------------------|---|
| <b>Host species</b>      | Rabbit  |
| <b>Clonality</b>         | Polyclonal  |
| <b>Isotype</b>           | IgG   |
| <b>Purity</b>            | Affinity Purification   |
| <b>Conjugation</b>       | Un-conjugated   |
| <b>Storage Stability</b> | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |