

## anti- FANCD2 antibody

### Product Information

Catalog No.:	FNab03006
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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. 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. The antibody recognize both un-phospho and phospho-Ser(330) of FANCD2.

### Immunogen information

Immunogen:	Fanconi anemia, complementation group D2
Synonyms:	DKFZp762A223, FA D2, FA4, FACD, FAD, FAD2, FANCD, FANCD2, FLJ23826, Protein FACD2
Observed MW:	150-155kd
Uniprot ID :	Q9BXW9

### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China(430206)

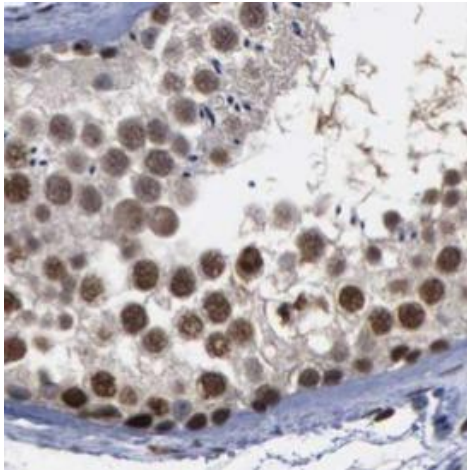
## Application

Reactivity: Human, Mouse

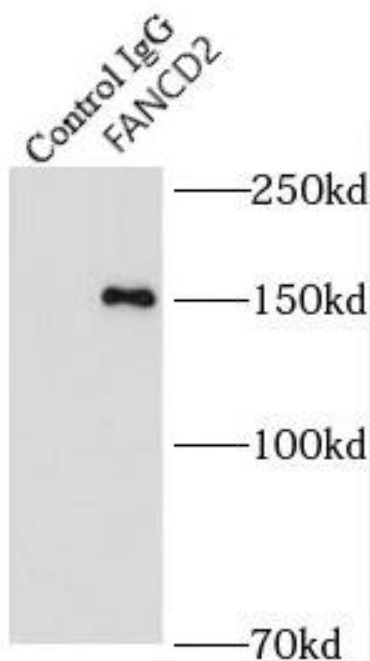
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:200-1:1000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab03006(FANCD2 antibody) at dilution of 1:50



IP Result of anti-FANCD2 (IP:FNab03006, 4ug; Detection:FNab03006 1:300) with mouse testis tissue lysate 6000ug.

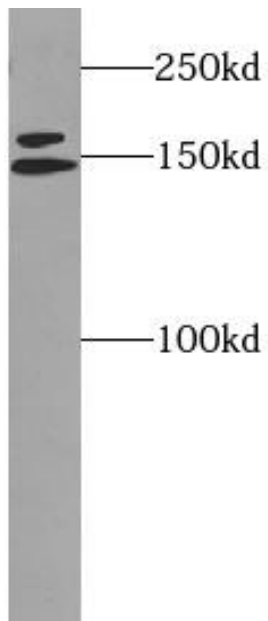
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Tel : (0086)027-87384275

Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)



HL-60 cells were subjected to SDS PAGE followed by western blot with FNab03006(FANCD2 antibody) at dilution of 1:500