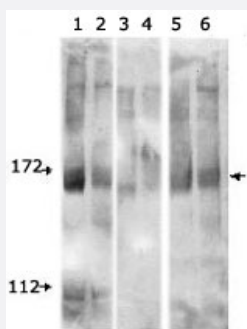


FANCD2 monoclonal antibody, clone FI-17

Catalog # MAB2398

Size 100 uL

Applications



Western Blot (Cell lysate)

Expression of FancD2 (mAb) in different cell lines : proliferating cells were treated with IR or kept as mock of IR. Eight hours after IR, local proteins were isolated for Western blot analysis. Fifty microgram protein was loaded each lane. Working dilution of FANCD2 monoclonal antibody, clone FI-17 (Cat # MAB2398) is 1 : 1000. Lane1 : U2OS, Lane2 : U2OS+IR, Lane3 and 4 : MEF, Lane5 : MO59K+IR, Lane6 : SiHa+IR.

Specification

Product Description Mouse monoclonal antibody raised against recombinant FANCD2.

Immunogen Recombinant fusion protein corresponding to FANCD2.

Host Mouse

Reactivity Human

Form Liquid

Recommend Usage ChIP (1:1000-1:2000)
Western Blot (1:1000-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer In buffer containing 0.09% sodium azide

Storage Instruction Store at -20°C or -80°C.
Aliquot to avoid repeated freezing and thawing.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- ChIP
- Western Blot (Cell lysate)

Expression of FancD2 (mAb) in different cell lines : proliferating cells were treated with IR or kept as mock of IR. Eight hours after IR, local proteins were isolated for Western blot analysis. Fifty microgram protein was loaded each lane. Working dilution of FANCD2 monoclonal antibody, clone FI-17 (Cat # MAB2398) is 1 : 1000. Lane1 : U2OS, Lane2 : U2OS+IR, Lane3 and 4 : MEF, Lane5 : MO59K+IR, Lane6 : SiHa+IR.

- Immunoprecipitation

Publication Reference

- [Overnight transduction with foamyviral vectors restores the long-term repopulating activity of Fancc-/- stem cells.](#)

Si Y, Pulliam AC, Linka Y, Ciccone S, Leurs C, Yuan J, Eckermann O, Fruehauf S, Mooney S, Hanenberg H, Clapp DW.
Blood 2008 Dec; 112(12):4458.

Application: WB, Human, Unaffected human or FANCC-deficient fibroblasts

- [HES1 is a novel interactor of the Fanconi anemia core complex.](#)

Tremblay CS, Huang FF, Habi O, Huard CC, Godin C, Levesque G, Carreau M.
Blood 2008 Sep; 112(5):2062.

Application: IF, WB, Human, HeLa cells

- [Human Mus81 and FANCB independently contribute to repair of DNA damage during replication.](#)

Nomura Y, Adachi N, Koyama H.
Genes to Cells 2007 Oct; 12(10):1111.

Application: IF, WB-Ce, Human, HeLa cells

- [Oxidative stress/damage induces multimerization and interaction of Fanconi anemia proteins.](#)

Park SJ, Ciccone SL, Beck BD, Hwang B, Freie B, Clapp DW, Lee SH.
The Journal of Biological Chemistry 2004 May; 279(29):30053.