

## Anti-FANCD2 antibody (540-720) (STJ23624)

STJ23624

## **GENERAL INFORMATION**

Product Type Primary antibodies

Short Description

Applications WB/IF/ICC/IP/ELISA

Host/Source Rabbit Reactivity Human/Rat

## **PRODUCT PROPERTIES**

Clonality Polyclonal

Clone ID

Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution WB:1:500-1:2000
Range IF/ICC:1:50-1:200

IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells

ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay

requirements

Formulation PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.

Isotype IgG

Storage Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

Instruction

## **TARGET INFORMATION**

 Gene ID
 2177

 Gene Symbol
 FANCD2

 Uniprot ID
 FACD2\_HUMAN

 Immunogen
 540-720

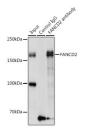
Region

Specificity Recombinant fusion protein containing a sequence corresponding to amino acids 540-720 of FANCD2 (NP\_001018125.1).

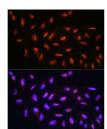
Immunogen AFSKQNEASSHIQDDMHLVI RKQLSSTVFKYKLIGIIGAV TMAGIMAADRSESPSLTQER ANLSDEQCTQVTSLLQLVHS

Sequence CSEQSPQASALYYDEFANLI QHEKLDPKALEWVGHTICND FQDAFVVDSCVVPEGDFPFP VKALYGLEEYDTQDGIAINL

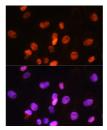
LPLLFSQDFAKDGGPVTSQE S



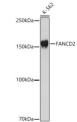
Immunoprecipitation analysis of 200 Mu g extracts of A 549 cells using 3 Mu g FANCD2 antibody (STJ23624 Western blot was performed from thimmunoprecipitate using FANCD2 antibody (STJ23624 at a dilution of 1:1000.



Immunofluorescence analysis of U2OS cells using FANCD2 Rabbit polyclonal antibody (STJ23624) aid dilution of 1:100. Secondary antibody: Cy3 Goat Anti Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI fo nuclear existing.



Immunofluorescence analysis of C6 cells using FANCD2 Rabbit polyclonal antibody (STJ23624) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear station.



Western blot analysis of lysates from K-562 cells using AFANCD2 Rabbit polycional antibody (STJ23824) at A :11000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25A Mug per Iane. Blocking buffer; 3% nonfat dry milk in TBST. Detection: ECL