

XRCC1 monoclonal antibody

Catalog: MB23221

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is involved in the efficient repair of DNA single-strand breaks formed by exposure to ionizing radiation and alkylating agents. This protein interacts with DNA ligase III, polymerase beta and poly (ADP-ribose) polymerase to participate in the base excision repair pathway. It may play a role in DNA processing during meiosis and recombination in germ cells. A rare microsatellite polymorphism in this gene is associated with cancer in patients of varying radiosensitivity.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

69.5kDa

Swiss-Prot:

P18887

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

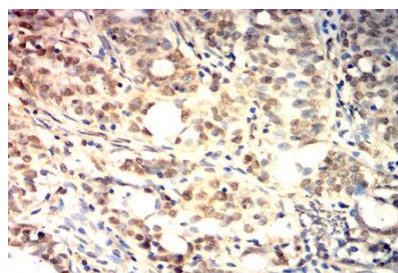
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

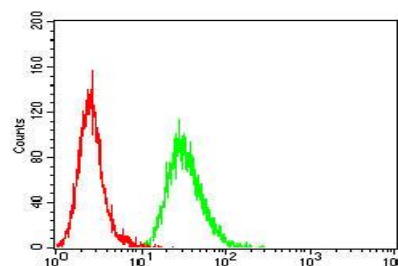
Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using XRCC1 mouse mAb with DAB staining.



Flow cytometric analysis of A375 cells using XRCC1 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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