

## XRCC6 monoclonal antibody

Catalog: MB21861

Host: Mouse

Reactivity: Human

### Background:

The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus.

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

69.8kDa

### Swiss-Prot:

P12956

### 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 IF:1/200 - 1/1000  
FC:1/200 - 1/400

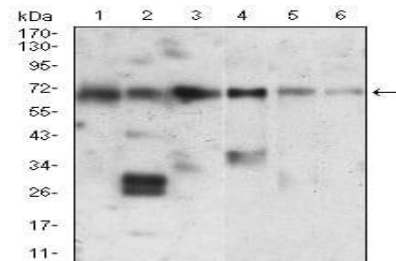
### Storage&Stability:

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

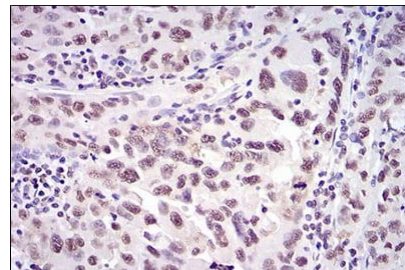
### Isotype:

Mouse IgG1

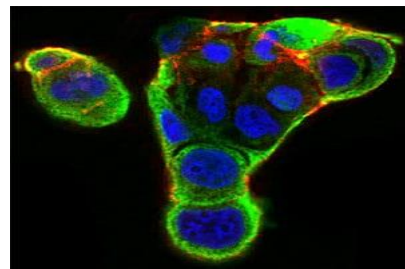
### DATA:



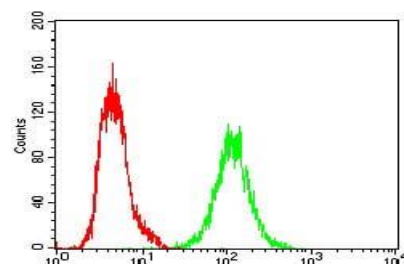
Western blot analysis using XRCC6 mouse mAb against HeLa (1), PC-2 (2), A549 (3), A431 (4), HepG2 (5), K562 (6) cell lysate.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissues using XRCC6 mouse mAb with DAB staining.



Immunofluorescence analysis of MCF-7 cells using XRCC6 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of A431 cells using XRCC6 mouse mAb  
(green) and negative control (red).

**Note:**

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

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