

XPC monoclonal antibody

Catalog: MB23392

Host: Mouse

Reactivity: Human

BackGround:

The protein encoded by this gene is a key component of the XPC complex, which plays an important role in the early steps of global genome nucleotide excision repair (NER). The encoded protein is important for damage sensing and DNA binding, and shows a preference for single-stranded DNA. Mutations in this gene or some other NER components can result in Xeroderma pigmentosum, a rare autosomal recessive disorder characterized by increased sensitivity to sunlight with the development of carcinomas at an early age. Alternatively spliced transcript variants have been found for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

106kDa

Swiss-Prot:

Q01831

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:1/50 - 1/200
FC:1/200 - 1/400

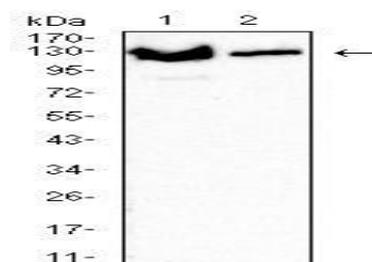
Storage&Stability:

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

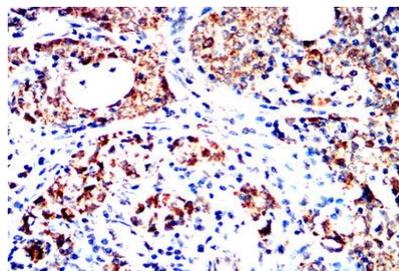
Isotype:

Mouse IgG1

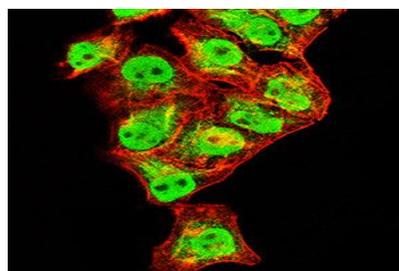
DATA:



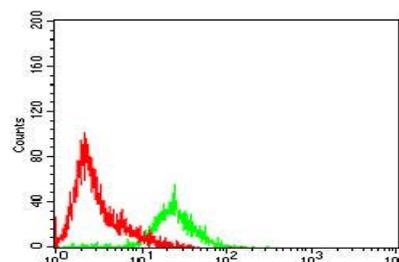
Western blot analysis using XPC mouse mAb against Jurkat (1) and HeLa (2) cell lysate.



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



Immunofluorescence analysis of HeLa cells using XPC 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 Hela cells using XPC mouse mAb (green)
and negative control (red).

Note:

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

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