

XPC monoclonal antibody

Catalog: MB23361

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 FC:1/200 - 1/400

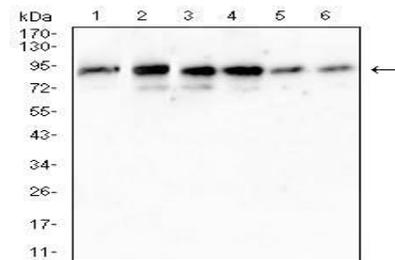
Storage&Stability:

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

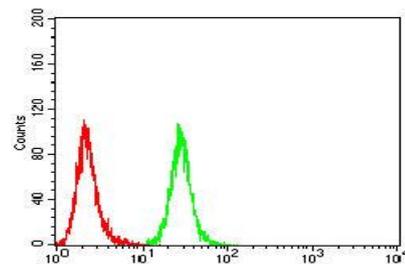
Isotype:

Mouse IgG1

DATA:



Western blot analysis using XPC mouse mAb against SW480(1), A431(2), T47D(3), HT-29(4), A549 (5) and C2C12(6) cell lysate.



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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