MRE11 monoclonal antibody

Catalog: MB23439 Host: Mouse Reactivity: Human, Rat

BackGround:

This gene encodes a nuclear protein involved in homologous recombination, telomere length maintenance, and DNA double-strand break repair. By itself, the protein has 3' to 5' exonuclease activity and endonuclease activity. The protein forms a complex with the RAD50 homolog; this complex is required for nonhomologous joining of DNA ends and possesses increased single-stranded DNA endonuclease and 3' to 5' exonuclease activities. In conjunction with a DNA ligase, this protein promotes the joining of noncomplementary ends in vitro using short homologies near the ends of the DNA fragments. This gene has a pseudogene on chromosome 3. Alternative splicing of this gene results in two transcript variants encoding different isoforms.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

80.6kDa

Swiss-Prot:

P49959

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:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

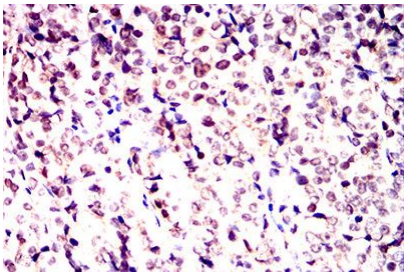
Storage&Stability:

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

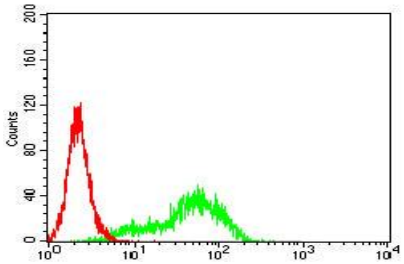
Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using MRE11 mouse mAb with DAB staining.



Flow cytometric analysis of Hela cells using MRE11 mouse mAb (green) and negative control (red).

Note:

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

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