

Rad51 (T309) polyclonal antibody

Catalog: BS3729

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Rad51 is a recombinase that is essential for homologous recombination and double-strand break repair. It binds to single and double-stranded DNA, and has DNA-dependent ATPase activity. Rad51 unwinds duplex DNA and forms helical nucleoprotein filaments in a manner that is controlled through the action of DNA helicases that counteract nucleofilament formation. Rad51 interacts with BRCA1 and BRCA2, and also plays a role in p53-mediated signalling. Interaction of Rad51 with Chk1 kinase may occur in response to Chk1 phosphorylation

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 42 kDa

Swiss-Prot:

Q06609

Purification&Purity:

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

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

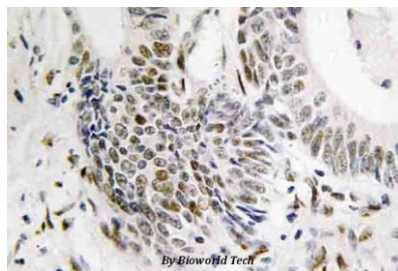
Storage&Stability:

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

Specificity:

Rad51 (T309) polyclonal antibody detects endogenous levels of Rad51 protein.

DATA:



Immunohistochemistry (IHC) analyzes of Rad51 (T309) pAb in paraffin-embedded human colon carcinoma tissue.

Note:

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

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