

## MSH2 polyclonal antibody

Catalog: BS61570

Host: Rabbit

Reactivity: Human

### BackGround:

The DNA mismatch repair system (MMR) repairs post-replication DNA, inhibits recombination between non-identical DNA sequences and induces both check-point and apoptotic responses following certain types of DNA damage. MSH2 (MutS homologue 2) forms the hMutS- $\alpha$  dimer with MSH6 and is an essential component of the mismatch repair process. hMutS- $\alpha$  is part of the BRCA1-associated surveillance complex (BASC), a complex that also contains BRCA1, MLH1, ATM, BLM, PMS2 proteins and the Rad50-Mre11-NBS1 complex.

### Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

### Molecular Weight:

~ 100 kDa

### Swiss-Prot:

P43246

### 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

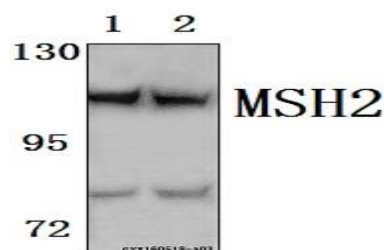
### Storage&Stability:

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

### Specificity:

MSH2 polyclonal antibody detects endogenous levels of MSH2 protein.

### DATA:



Western blot (WB) analysis of MSH2 polyclonal antibody at 1:500 dilution

Lane1:SGC7901 whole cell lysate(40ug)

Lane2:L02 whole cell lysate(40ug)

### Note:

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

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