

(KO Validated) MSH2 Polyclonal Antibody

catalog number: **E-AB-92378**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

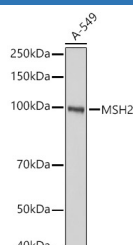
Description

Reactivity	Human;Rat
Immunogen	Recombinant fusion protein of human MSH2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

WB	1:500-1:2000
IP	1:50-1:200

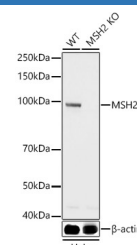
Data



Western blot analysis of A-549 using MSH2 Polyclonal Antibody at 1:1000 dilution.

Observed-MV:105 kDa

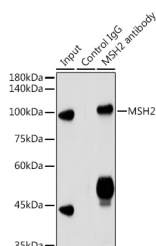
Calculated-MV:97 kDa/104 kDa



Western blot analysis of extracts from wild type(WT) and MSH2 knockout (KO) HeLa cells using MSH2 Polyclonal Antibody at 1:1000 dilution.

Observed-MV:105 kDa

Calculated-MV:97 kDa/104 kDa



Immunoprecipitation analysis of 300ug extracts of HeLa cells using 3ug MSH2 Polyclonal Antibody. Western blot was performed from the immunoprecipitate using MSH2 Polyclonal Antibody at a dilution of 1:3000.

Observed-MV:105 kDa

Calculated-MV:97 kDa/104 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

This locus is frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Two transcript variants encoding different isoforms have been found for this gene.

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