(KO Validated) MSH2 Polyclonal Antibody

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

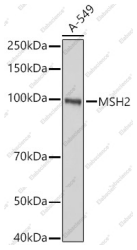
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

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

Applications	Recommended Dilution
WB	1:500-1:2000
IP	1:50-1:200

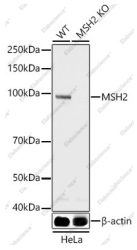
Data



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

Observed-MW:105 kDa

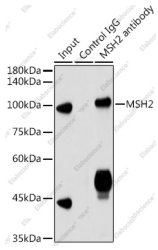
Calculated-MW:97 kDa/104 kDa



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

Observed-MW:105 kDa

Calculated-MW: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-MW:105 kDa

Calculated-MW: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

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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.