A Reliable Research Partner in Life Science and Medicine

## **Recombinant MSH2 Monoclonal Antibody**

catalog number: AN301604L

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

#### **Description**

Reactivity Human;

Immunogen Recombinant human MSH2 fragment

Host Rabbit Isotype lgG, κ Clone A307

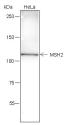
**Purification** Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

#### **Applications Recommended Dilution** 1:500-1:1000 **WB** 1:50 **IHC**

1:50-1:100 IF 1:50-1:100 ΙP

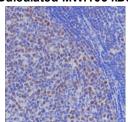
#### Data



Western Blot with MSH2 Monoclonal Antibody at dilution of

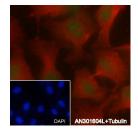
1:1000. Lane 1: HeLa

Observed-MW:104 kDa Calculated-MW:105 kDa



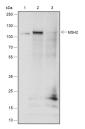


using MSH2 Monoclonal Antibody at dilution of 1:50.



1:50.

Immunohistochemistry of paraffin-embedded Human tonsil Immunofluorescent analysis of (4% Paraformaldehyde) fixed HeLa cells using anti-MSH2 Monoclonal Antibody at dilution of 1:100.



### For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com Rev. V1.0

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Immunoprecipitation analysis using anti-MSH2 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using MSH2 Monoclonal Antibody at a dilution of 1:100. Lane 1: 5% Input, Lane 2: Rabbit monoclonal IgG Isotype, Lane 3: MSH2 Monoclonal Antibody

Observed-MW:104 kDa Calculated-MW:105 kDa

#### **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

#### **Background**

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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