

### **Product Name: MSH2 Rabbit Monoclonal Antibody**

Catalog #: AMRe01494

For research use only.

#### **Summary**

**Description** Recombinant rabbit monoclonal antibody

Host Rabbit
Application WB

Reactivity Human,Rat
Conjugation Unconjugated
Modification Unmodified

**Isotype** IgG

Clonality Monoclonal
Form Liquid

Concentration 0.5mg/ml. The concentration of this product may be batch-dependent.

Storage Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.

**Shipping** Ice bags

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% **Buffer** 

protective protein

**Purification** Affinity Purification

### **Application**

**Dilution Ratio** WB 1:500-1:1000

Molecular Weight Calculated MW: 105 kDa; Observed MW: 105 kDa

## **Antigen Information**

**Gene Name** MSH2

Alternative Names DNA mismatch repair protein Msh2; MutS protein homolog 2

 Gene ID
 4436

 SwissProt ID
 P43246

**Immunogen** Recombinant protein of human MSH2

### **Background**

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,

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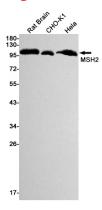


ATM, BLM, PMS2 proteins and the Rad50-Mre11-NBS1 complex.

### **Research Area**

**Epigenetics and Nuclear Signaling** 

# **Image Data**



Western blot analysis of MSH2 in rat Brain, CHO-K1, Hela lysates using MSH2 antibody.

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