

Product Name: MSH6 Rabbit Monoclonal Antibody
Catalog #: AMRe01484



Summary

Production Name	MSH6 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	MSH6
Alternative Names	MSH6; GTBP; DNA mismatch repair protein Msh6; hMSH6; G/T mismatch-binding protein; GTBP; GTMBP; MutS-alpha 160 kDa subunit; p160
Gene ID	2956
SwissProt ID	P52701

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200
Molecular Weight	Calculated MW: 153 kDa; Observed MW: 163 kDa

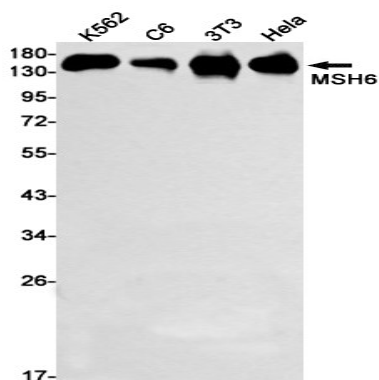
Background

The DNA mismatch repair system (MMR) repairs post-replication DNA, inhibits recombination between nonidentical DNA sequences, and induces both checkpoint and apoptotic responses following certain types of DNA damage. MSH2 (MutS homologue 2) forms the hMutS- α dimer with MSH6 and is an essential component of the mismatch repair process.

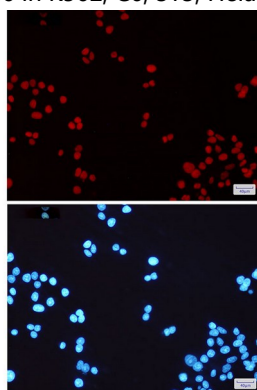
Research Area

Epigenetics and Nuclear Signaling

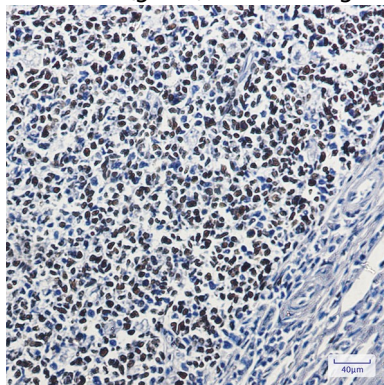
Image Data



Western blot analysis of MSH6 in K562, C6, 3T3, HeLa lysates using MSH6 antibody.



Immunocytochemistry analysis of MSH6 (green) in HeLa using MSH6 antibody, and DAPI (blue)



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Immunohistochemistry analysis of paraffin-embedded Human tonsil using MSH6 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.