

## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:1000-1:2000, WB:1:200-1:1000,  
IHC:1:25-1:100

**Protein Background:**

This gene encodes a member of the mutS family of proteins that are involved in DNA mismatch repair and meiotic recombination. This protein is similar to a *Saccharomyces cerevisiae* protein that participates in segregation fidelity and crossing-over events during meiosis. This protein plays a role in promoting ionizing radiation-induced apoptosis. This protein forms hetero-oligomers with another member of this family, mutS homolog 4. Polymorphisms in this gene have been linked to various human diseases, including IgA deficiency, common variable immunodeficiency, and premature ovarian failure. Alternative splicing results multiple transcript variants.

**Gene ID:**

MSH5

**Uniprot**

O43196

**Synonyms:**

mutS homolog 5

**Immunogen:**

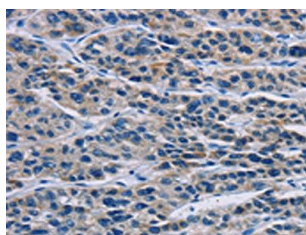
Fusion protein of human MSH5.

**Storage:**

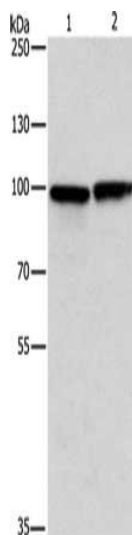
-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

## Product Images

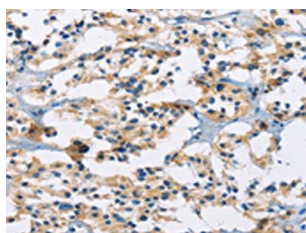
---



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO14722(MSH5 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 6%SDS-PAGE, Lysate: 40 &mu; g, Lane 1-2: Human testis tissue, U937 cells, Primary antibody: PACO14722(MSH5 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO14722(MSH5 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).