For research purposes only, not for human use

# Product Data Sheet

# Recombinant Anti-MSH6 Rabbit mAb

| Catalog # | Source | Reactivity | Applications |
|---|---|---|---|
| CMA1009 | Rabbit | H | WB, IH |

| | |
|---|---|
| **Description** | Recombinant rabbit monoclonal antibody to MSH6 |
| **Immunogen** | Recombinant fusion protein of human MSH6. The exact sequence is proprietary. |
| **Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Specificity** | Recognizes endogenous levels of MSH6 protein. |
| **Clonality** | Monoclonal |
| **Conjugation** | |
| **Form** | Liquid in PBS, pH 7.3, 50% glycerol, and 0.05% Proclin300. |
| **Dilution** | WB (1/500 - 1/1000), IH (1/100 - 1/200) |
| **Gene Symbol** | MSH6 |
| **Alternative Names** | GTBP; DNA mismatch repair protein Msh6; hMSH6; G/T mismatch-binding protein; GTBP; GTMBP; MutS-alpha 160 kDa subunit; p160 |
| **Entrez Gene** | 2956 (Human) |
| **SwissProt** | P52701 (Human) |
| **Storage/Stability** | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles. |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish


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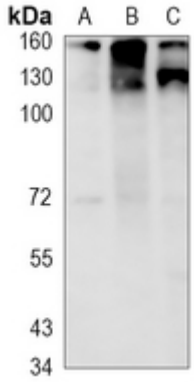
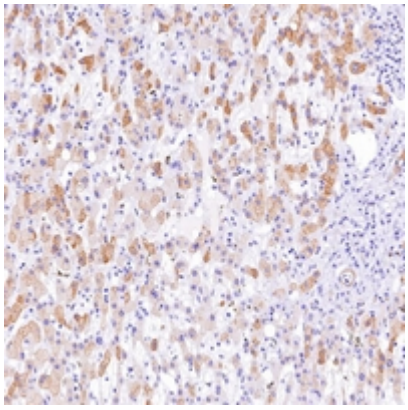



Western blot analysis of MSH6 expression in HepG2 (A), PC3 (B), MCF7 (C) whole cell lysates. (Predicted band size: 152 kD; Observed band size: 160 kD)



Immunohistochemical analysis of MSH6 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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