

Recombinant Anti-MSH2 Rabbit mAb Product Manual

Cat No: GMA1138

Source: Rabbit

Reactivity: H, M

Applications: WB, IH

***Application 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

***Species Reactivity 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

Datasheet

Description: Recombinant rabbit monoclonal antibody to MSH2

Immunogen: Recombinant fusion protein of human MSH2. The exact sequence is proprietary.

Purification: The antibody was purified by immunogen affinity chromatography.

Clonality: Monoclonal

Form: Liquid in PBS, pH 7.3, 50% glycerol, and 0.05% Proclin300.

Dilution: WB (1/500 - 1/1000), IH (1/100 - 1/500)

Gene Symbol: MSH2

Alternative Names: DNA mismatch repair protein Msh2; hMSH2; MutS protein homolog 2

Entrez Gene (Human): 4436;

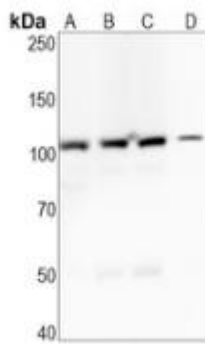
Entrez Gene (Mouse): 17685;

SwissProt (Human): P43246;

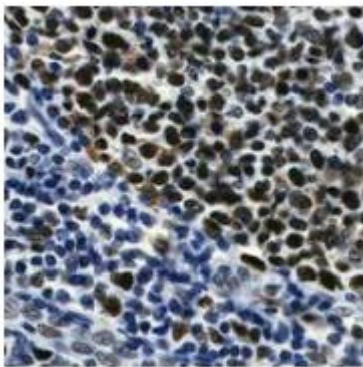
SwissProt (Mouse): P43247;

Storage/Stability: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Validation



Western blot analysis of MSH2 expression in A2780 (A), MG63 (B), A549 (C), mouse brain (D) whole cell lysates. (Predicted band size: 104 kD; Observed band size: 104 kD)



Immunohistochemical analysis of MSH2 staining in human tonsil 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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