

# MSH6 Recombinant Rabbit Monoclonal Antibody (35)

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	35
Conjugate	Unconjugated
Immunogen	A synthetic peptide corresponding to the center region of the Human MSH6/GTBP
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage conditions	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C
RRID	AB_2785291

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:500	-
Immunocytochemistry (ICC/IF)	1:20-1:100	-

## Product Specific Information

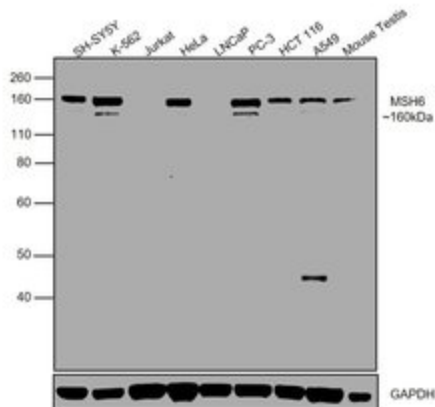
This product is preservative free. It is recommended to add sodium azide to avoid contamination (final concentration 0.05%-0.1%).

Recombinant rabbit monoclonal antibodies are produced using in vitro expression systems. The expression systems are developed by cloning in the specific antibody DNA sequences from immunoreactive rabbits. Then, individual clones are screened to select the best candidates for production. The advantages of using recombinant rabbit monoclonal antibodies include: better specificity and sensitivity, lot-to-lot consistency, animal origin-free formulations, and broader immunoreactivity to diverse targets due to larger rabbit immune repertoire.

This antibody has specificity for Human MSH6.

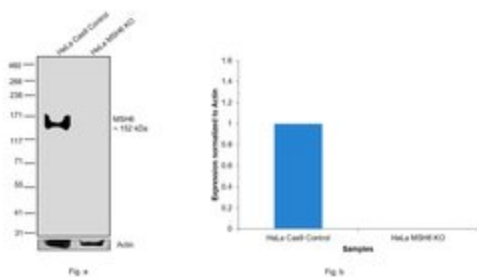
**MSH6 Antibody (MA5-29428)**

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell lines owing to their inherent genetic constitution. Relative expression of MSH6 was observed in all cell lines and tissue lysates in comparison to Jurkat and LNCaP using MSH6 Recombinant Rabbit Monoclonal Antibody (35) (Product # MA5-29428) in western blot.. Relative expression validation info.

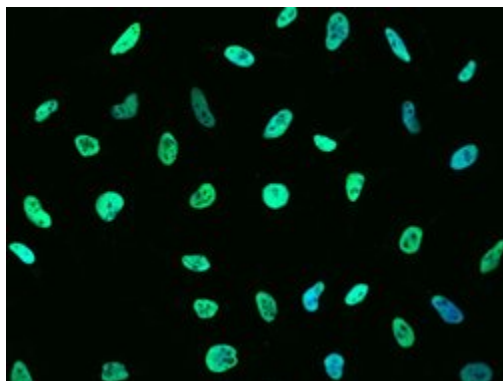


**MSH6 Antibody (MA5-29428)**

Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. A loss of signal was observed for target protein in MSH6 KO cell line compared to control cell line using Anti-MSH6 Recombinant Rabbit Monoclonal Antibody (35) (Product # MA5-29428). Knockout validation info.



**Product Images For MSH6 Recombinant Rabbit Monoclonal Antibody (35)**



**MSH6 Antibody (MA5-29428) in ICC/IF**

Immunofluorescence staining of MSH6 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with MSH6 Recombinant Rabbit Monoclonal Antibody (35) (Product # MA5-29428, 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to nucleus.

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