

Mouse MLH1 Monoclonal Antibody | anti-MLH1 antibody

Anti-MLH1 Antibody

CATALOG # AAA265805	HOST Mouse	REACTIVITY Human, Monkey	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	----------------------	------------------------------------	---

PRODUCT SYNONYMS

MLH1; Monoclonal Antibody; Anti-MLH1 Antibody; anti-MLH1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of MLH1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-MLH1 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant fragment of MLH1 (aa381-483) expressed in E coli.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of MLH1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of MLH1 expression in Hela (A), Jurkat (B), 293T (C), SW480 (D) whole cell lysates. (Predicted band size: 85 kD; Observed band size: 85 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-MLH1 antibody	Mouse monoclonal antibody to MLH1
Product Categories/Family for anti-MLH1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557757
NCBI GeneID	4292

NCBI Accession #	NP_000240.1
NCBI GenBank Nucleotide #	NM_000249.3
UniProt Accession #	P40692 ; B4DI13
Molecular Weight	84,601 Da
NCBI Official Full Name	DNA mismatch repair protein Mlh1 isoform 1
NCBI Official Synonym Full Names	mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli)
NCBI Official Symbol	MLH1
NCBI Official Synonym Symbols	FCC2; COCA2; HNPCC; hMLH1; HNPCC2
NCBI Protein Information	DNA mismatch repair protein Mlh1
UniProt Protein Name	DNA mismatch repair protein Mlh1
UniProt Gene Name	MLH1
UniProt Synonym Gene Names	COCA2
UniProt Entry Name	MLH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/mlh1-antibody-immunochemistry-immunofluorescence-western-blot-elisa/265805>