

Anti-MLH1 antibody (381-483) [4C9C7] (STJ98245)

STJ98245

GENERAL INFORMATION

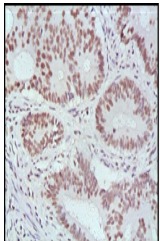
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Dna Mismatch Repair Protein Mlh1 (381-483) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, ELISA
Host/Source	Mouse
Reactivity	Human, Monkey

PRODUCT PROPERTIES

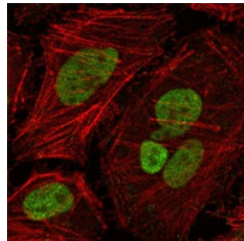
Clonality	Monoclonal
Clone ID	4C9C7
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

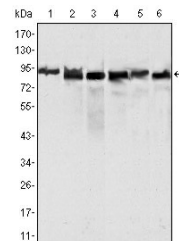
Gene ID	4292
Gene Symbol	MLH1
Uniprot ID	MLH1_HUMAN
Immunogen	Purified recombinant fragment of MLH1 (aa381-483) expressed in E.coli.
Immunogen Region	381-483
Specificity	MLH1 monoclonal antibody (Dna Mismatch Repair Protein Mlh1) binds to endogenous Dna Mismatch Repair Protein Mlh1 at the amino acid region 381-483.
Immunogen Sequence	



Immunohistochemistry analysis of paraffin-embedded human rectum cancer (left) and ovarian cancer (right) tissues, showing nuclear localization with DAB staining using MLH1 monoclonal antibody.



Confocal immunofluorescence analysis of HeLa cells using MLH1 monoclonal antibody (green), showing nuclear localization. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using MLH1 monoclonal antibody against HeLa (1), MCF-7 (2) and A549 (3), Jurkat (4), 2R75 (5) and COS (6) cell lysate.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081