

Product datasheet for **AM20522SU-N**

MLH1 Mouse Monoclonal Antibody [Clone ID: n.a]

Product data:

Product Type:	Primary Antibodies
Clone Name:	n.a
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA: 1/10000. Immunofluorescence: 1/200 - 1/1000. Immunohistochemistry on Paraffin Sections: 1/200. Western Blot: 1/500 - 1/2000.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	MLH1 antibody was raised against recombinant purified MLH1 protein, aa 381-483.
Specificity:	This antibody reacts to MutL Homolog 1 (colon Cancer, Nonpolyposis Type 2) (MLH1).
Formulation:	Ascites fluid containing 0.03% sodium azide State: Ascites State: Liquid purified Ascites
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	mutL homolog 1
Database Link:	Entrez Gene 4292 Human P40692
Background:	MLH1 was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). When cloned, it was discovered to be a human homolog of the E. coli mismatch repair gene mutS, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC.
Synonyms:	DNA mismatch repair protein Mlh1, COCA2

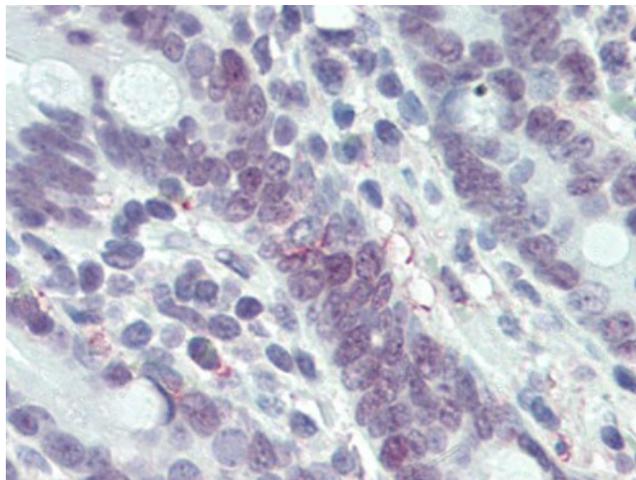


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Protein Families: Druggable Genome

Protein Pathways: Colorectal cancer, Endometrial cancer, Mismatch repair, Pathways in cancer

Product images:



Human Small Intestine (formalin-fixed, paraffin-embedded) stained with MLH1 antibody AM20522SU-N followed by biotinylated anti-mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.