

ARG44872 anti-MLH3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes MLH3
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Target Name	MLH3
Species	Human
Epitope	YEKQQAQGSG
Conjugation	Un-conjugated
Alternate Names	MLH3; MutL Homolog 3; DNA Mismatch Repair Protein Mlh3; MutL (E. Coli) Homolog 3; MutL Homolog 3 (E. Coli); MutL Protein Homolog 3; HNPCC7

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

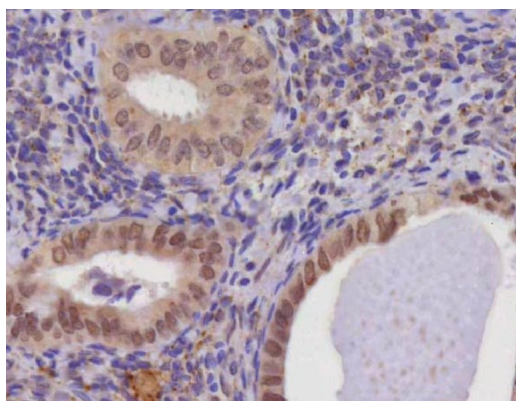
Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	MLH3
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Gene Full Name	MutL Homolog 3
Background	This gene is a member of the MutL-homolog (MLH) family of DNA mismatch repair (MMR) genes. MLH genes are implicated in maintaining genomic integrity during DNA replication and after meiotic recombination. The protein encoded by this gene functions as a heterodimer with other family members. Somatic mutations in this gene frequently occur in tumors exhibiting microsatellite instability, and germline mutations have been linked to hereditary nonpolyposis colorectal cancer type 7 (HNPCC7). Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq, Jul 2008]
Function	Probably involved in the repair of mismatches in DNA. [UniProt]
Cellular Localization	Nucleus. [UniProt]

Images



ARG44872 anti-MLH3 antibody IHC-P image

Immunohistochemistry: Human endometrium stained with ARG44872 anti-MLH3 antibody at 10 µg/mL dilution.