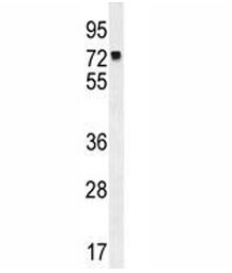
MLH1 Antibody (F41625)

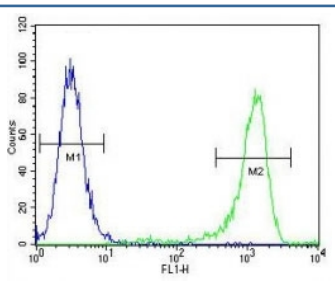
Catalog No.	Formulation	Size
F41625-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F41625-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P40692
Applications	Western blot: 1:1000 Flow Cytometry: 1:10-1:50
Limitations	This MLH1 antibody is available for research use only.



MLH1 antibody western blot analysis in K562 lysate. Predicted molecular weight: 85/58/74 kDa (isoforms 1/2/3).



MLH1 antibody flow cytometric analysis of K562 cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+phenotype) found in HNPCC. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Additional transcript variants have been described, but their full-length natures have not been determined.

Application Notes

Titration of the MLH1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 452-480 from the human protein was used as the immunogen for this MLH1 antibody.

Storage

Aliquot the MLH1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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