

MLH1 Ab

[Images\(1\)](#)

Cat.#: BF0073 Concn.: ~1mg/ml Mol.Wt.: 85kDa
 Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000, IF/ICC
 1:200-1:1000

*The optimal dilutions should be determined by the end user.

Reactivity: Human,Monkey

Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH
 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.
 Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human MLH1 expressed in E. Coli.

Uniprot: P40692

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.
 Alternatively spliced transcript variants encoding different isoforms have
 been described, but their full-length natures have not been determined.

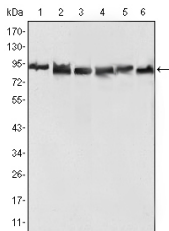


Figure 1: Western blot analysis using MLH1 mouse mAb against HeLa (1), MCF-7 (2) and A549 (3), Jurkat (4), 2R75 (5) and COS (6) cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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