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10-7573: Monoclonal Antibody to MLH1 (Clone: ABM4D74)

Clonality: Monoclonal
Clone Name: ABM4D74
Application: IHC
Reactivity: Human
Gene: MLH1
Gene ID: 4292
Uniprot ID: P40692

Format: Purified

Alternative Name: MLH1,COCA2

Isotype: Mouse IgG2b

Immunogen Information: A partial length recombinant MLH1 protein (amino acids 289-492) was used as the immunogen for

this antibody.

Description

MutL homolog 1 (MLH1) is a member of mismatch repair genes (MMR) that plays a crucial role in correcting replication errors, cell cycle arrest, apoptosis and oxidative stress. MLH1 is a human homolog of the E.coli DNA mismatch repair gene. It mediates protein-protein interactions during mismatch recognition, strand discrimination, and strand removal. Diseases associated with MLH1 include colorectal cancer, hereditary nonpolyposis, type 2 and lynch syndrome.

Product Info

Amount : 25 μg / 100 μg

Purification: Protein G Chromatography

Content: 25 μg in 50 μl/100 μg in 200 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium

azide is highly toxic.

Storage condition:

Storage condition:

Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Immunohistochemical analysis: 5-10 µg/ml

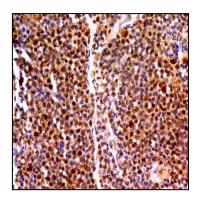


Fig-1: Immunohistochemical analysis of MLH1 in Lymphoma tissue using MLH1 antibody (Clone: ABM4D74) at 5 μ g/ml.