

MTH1 monoclonal antibody

Catalog: MB11245

Host: Rabbit

Reactivity: Human

BackGround:

Antimutagenic. Acts as a sanitizing enzyme for oxidized nucleotide pools, thus suppressing cell dysfunction and death induced by oxidative stress. Hydrolyzes 8-oxo-dGTP, 8-oxo-dATP and 2-OH-dATP, thus preventing misincorporation of oxidized purine nucleoside triphosphates into DNA and subsequently preventing A:T to C:G and G:C to T:A transversions.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 18 kDa; Observed MW: 18 kDa

Swiss-Prot:

P36639

Purification&Purity:

Affinity Purified

Applications:

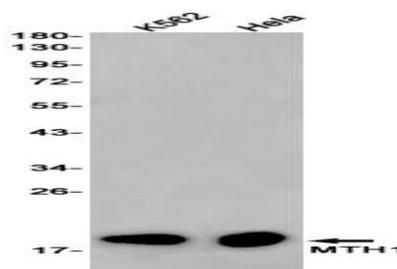
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG

DATA:

Western blot analysis of MTH1 in K562, HeLa lysates using MTH1 antibody.

Immunocytochemistry analysis of MTH1 in HeLa using MTH1 antibody, and DAPI

Note:

For research use only, not for use in diagnostic procedure.

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