

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## MTH1 RABBIT MAB

Cat.#: N262546

Product Name: Anti-MTH1 Rabbit Monoclonal Antibody

Synonyms: MTH1; NUDT 1

UNIPROT ID: P36639

**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.

Immunogen: Recombinant protein of human MTH1

**Applications:** WB,ICC/IF,IP

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

Host Species: Rabbit

Clonality: Rabbit Monoclonal

**Clone ID:** R06-2K9

MW: Calculated MW: 18 kDa; Observed MW: 18 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

**Conjugation:** Unconjugated

Modification: Unmodified

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

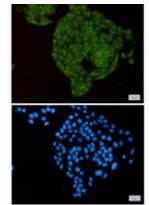
**Research Areas:** Epigenetics and Nuclear Signaling

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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Immunocytochemistry analysis of Western blot analysis of MTH1 in MTH1(green) in Hela using MTH1 K562, Hela lysates using MTH1 antibody, and DAPI(blue) antibody.

