

## TPMT Recombinant Rabbit mAb

Catalog: BS46904

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

This gene encodes the enzyme that metabolizes thiopurine drugs via S-adenosyl-L-methionine as the S-methyl donor and S-adenosyl-L-homocysteine as a byproduct. Thiopurine drugs such as 6-mercaptopurine are used as chemotherapeutic agents. Genetic polymorphisms that affect this enzymatic activity are correlated with variations in sensitivity and toxicity to such drugs within individuals, causing thiopurine S-methyltransferase deficiency. Related pseudogenes have been identified on chromosomes 3, 18 and X. [provided by RefSeq, Aug 2014]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

28 kDa

### Swiss-Prot:

P51580

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000 IHC: 1:50 ICC/IF: 1:50 FC:  
1:20-1:100 IP: 1:20

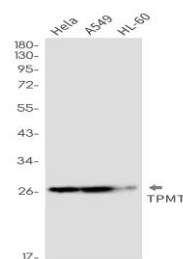
### Storage&Stability:

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

### Isotype:

IgG

### DATA:



Western blot detection of TPMT in HeLa, A549, HL-60 cell lysates using TPMT antibody (1:1000 diluted).

### Note:

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

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