

产品名称: TPMT (3H2) Rabbit Monoclonal Antibody
产品货号: AMRe19157



产品概述 (Summary)

产品名称 (Production Name)	TPMT (3H2) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,FC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	TPMT
别名 (Alternative Names)	Thiopurine methyltransferase; TPMT;
基因 ID (Gene ID)	7172.0
蛋白 ID (SwissProt ID)	P51580.A synthetic peptide of human TPMT

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:100-1:200,FC 1:100-1:500
蛋白分子量 (Molecular Weight)	28kDa

研究背景 (Background)

Catalyzes the S-methylation of thiopurine drugs such as 6-mercaptopurine. Catalyzes the S-methylation of thiopurine drugs

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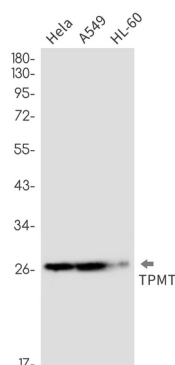


such as 6- mercaptopurine (also called mercaptopurine, 6-MP or its brand name Purinethol) and 6-thioguanine (also called tioguanine or 6-TG) using S- adenosyl-L-methionine as the methyl donor (PubMed:657528, PubMed:18484748). TPMT activity modulates the cytotoxic effects of thiopurine prodrugs. A natural substrate for this enzyme has yet to be identified.

研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



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

注意事项 (Note)

For research use only .