

À des fins de recherche uniquement

Anticorps Monoclonal anti-TPMT

Numéro de catalogue: 68251-1-Ig



Informations de base

Numéro de catalogue: 68251-1-Ig	Numéro d'acquisition GenBank: BC005339	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 500 µg/ml by Nanodrop;	Identification du gène (NCBI): 7172	CloneNo.: 1D4B3
Hôte: Mouse	Nom complet: thiopurine 5-methyltransferase	Dilutions recommandées: WB 1:5000-1:50000
Isotype: IgG2a	MW calculé 28 kDa	
Immunogen Catalog Number: AG28693	MW observés: 32 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : cellules HeLa, cellules HEK-293, cellules HepG2, cellules Jurkat, cellules K-562
Spécificité de l'espèce: Humain	

Informations générales

The TPMT gene is localized to chromosome 6p22.3 and is approximately 34 kDa in length. It has an open reading frame (ORF) of 735 bp that encodes for a 245-amino acid peptide. The wild type TPMT allele, expressing the enzyme with normal activity. To date, there have been 30 variant TPMT alleles described (PMID: 22493988). Thiopurine compounds are commonly used in the treatment of childhood acute lymphoblastic leukemia, and as immunosuppressants following organ transplantation or for treatment of various autoimmune disorders. Thiopurine S-methyltransferase (TPMT) is required for detoxification, through S-methylation, of 6-thioguanine nucleotides (TGNs), a byproduct of thiopurine metabolism. Catalog# 10682-1-AP is a rabbit polyclonal antibody raised against the full-length of human TPMT. TPMT has a predicted molecular weight of 28 kDa, however, as a result of its phosphorylation it separates on a SDS gel as a band of approximately 28-32 kDa.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

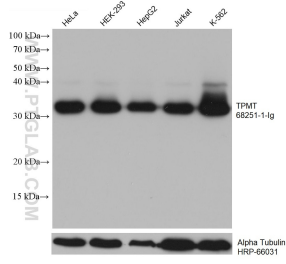
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 68251-1-Ig (TPMT antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.