

Product Datasheet

TPMT Antibody (1B5) - Azide and BSA Free H00007172-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00007172-M01

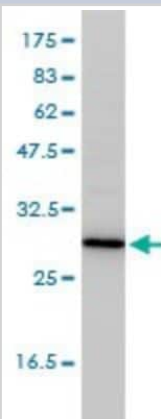
TPMT Antibody (1B5) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B5
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7172
Gene Symbol	TPMT
Species	Human
Specificity/Sensitivity	TPMT - thiopurine S-methyltransferase
Immunogen	TPMT (AAH05339, 1 a.a. ~ 245 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDGTRTSLDIEEYSDTEVQKNQVLTLEEWQDKWVNGKTAHFHQEQGHQLLKKH LDTFLKGKSGLRVFFPLCGKAVEMKWFADRGHSVVGVEISELGIQEFFTEQNL SYSEEPITEIPGTVFKSSSGNISLYCCSIFDLPRTNIGKFDMIWDRGALVAINPG DRKCYADTMFSLGKKFQYLLCVLSYDPTKHPGPPFYVPHAEIERLFGKICNIRR LEKVDAFEERHKSWGIDCLFEKLYLLTEK
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against recominant protein and cell lysate for WB. It has also been used for IF, IHC-P and ELISA.

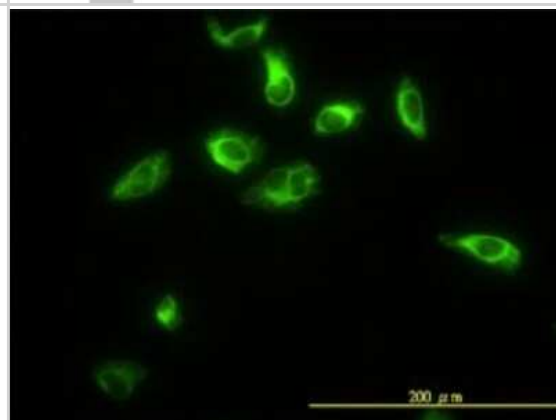


Images

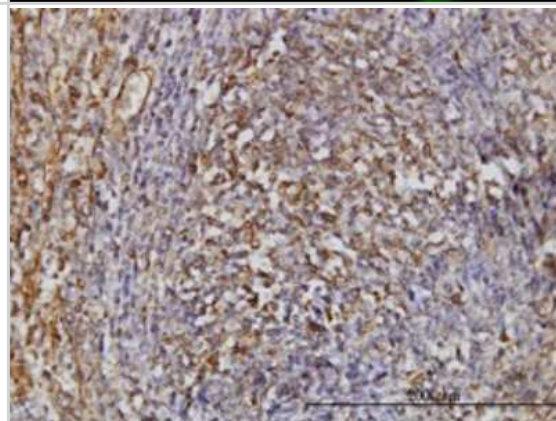
Western Blot: TPMT Antibody (1B5) [H00007172-M01] - TPMT monoclonal antibody (M01), clone 1B5 Analysis of TPMT expression in Jurkat.



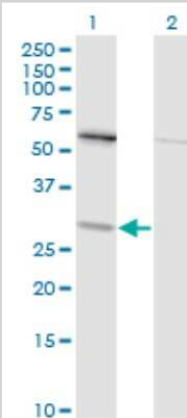
Immunocytochemistry/Immunofluorescence: TPMT Antibody (1B5) [H00007172-M01] - Analysis of monoclonal antibody to TPMT on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: TPMT Antibody (1B5) [H00007172-M01] - Analysis of monoclonal antibody to TPMT on formalin-fixed paraffin-embedded human spleen. Antibody concentration 1 ug/ml.



Western Blot: TPMT Antibody (1B5) [H00007172-M01] - Analysis of TPMT expression in transfected 293T cell line by TPMT monoclonal antibody (M01), clone 1B5. Lane 1: TPMT transfected lysate (28.2 kDa). Lane 2: Non-transfected lysate.



Publications

1 Egle R, Milek M, Mlinaric-Rascan I et al. A novel gene delivery system for stable transfection of thiopurine-S-methyltransferase gene in versatile cell types. *Eur J Pharm Biopharm*;69(1):23-30. 2008-05-01 [PMID: 17988843]

Milek M, Kuzelicki NK, Smid A et al. S-adenosylmethionine regulates thiopurine methyltransferase activity decreases 6-mercaptopurine cytotoxicity in MOLT lymphoblasts. *Biochem Pharmacol*;77(12):1845-53. 2009-06-15 [PMID: 19428339]





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Products Related to H00007172-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBC1-18525	Recombinant Human TPMT Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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