

Anti-TPMT Rabbit Monoclonal Antibody Catalog # ABO16387

Specification

Anti-TPMT Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, FC
Primary Accession	P51580
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-TPMT Rabbit Monoclonal Antibody . Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

Anti-TPMT Rabbit Monoclonal Antibody - Additional Information

Gene ID 7172

Other Names

Thiopurine S-methyltransferase, 2.1.1.67, Thiopurine methyltransferase, TPMT

Calculated MW

30 kDa KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
FC 1:50

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human TPMT

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-TPMT Rabbit Monoclonal Antibody - Protein Information

Name TPMT

Function

Catalyzes the S-methylation of thiopurine drugs 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:18484748, PubMed:657528). TPMT activity modulates the cytotoxic effects of thiopurine prodrugs. A natural substrate for this enzyme has yet to be identified.

Cellular Location

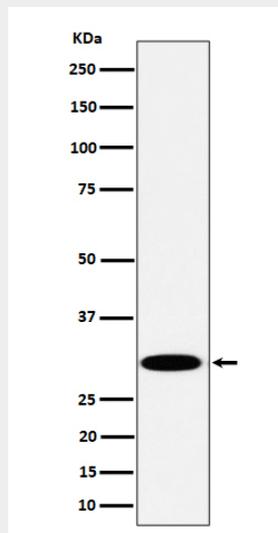
Cytoplasm.

Anti-TPMT Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-TPMT Rabbit Monoclonal Antibody - Images



Western blot analysis of TPMT expression in Jurkat cell lysate.