

Product datasheet for R1479P

DNA polymerase mu (POLM) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	This affinity purified antibody has been tested for use in ELISA against the immunizing peptide. Reactivity in other immunoassays is unknown. This product has been assayed by ELISA against 0.1 ug of the immunizing peptide. A 1:33,000 to 1:135,000 dilution of the antibody is recommended for this assay.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to aa 6-18 of Human POLM μ (DNA polymerase mu). POLM μ is a template-directed terminal deoxynucleotidtransferase that shows a preferential expression in proliferating lymphoid cells.
Specificity:	This is an affinity purified antibody produced by Immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% (w/v) Sodium Azide as preservative. State: Aff - Purified State: Liquid (sterile filtered) purified Ig fraction.
Concentration:	lot specific
Purification:	Immunoaffinity chromatography.
Conjugation:	Unconjugated
Storage:	Store vial at -20°C. For extended storage aliquot contents and freeze at -20°C or below. Dilute only prior to immediate use. Avoid cycles of freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	polymerase (DNA) mu
Database Link:	Entrez Gene 27434 Human Q9NP87



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Background: DNA polymerase mu is a template directed terminal deoxynucleotidtransferase that shows a preferential expression in proliferating lymphoid cells. It seems to act as an Ig mutase which is responsible for immunoglobulin (Ig) gene hypermutation.

Synonyms: Pol Mu, POLM, Tdt-N, TdtN