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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DNTT monoclonal antibody (M01), clone 4H5

Catalog # : H00001791-M01

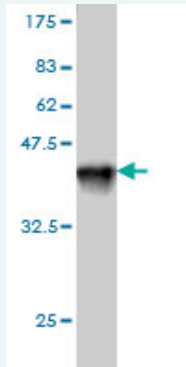
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant DNTT.
Immunogen:	DNTT (AAH12920, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MDPPRASHLSRKKRPRQTGALMASSPQDIKFQDLVFFILEKKGTTTAAFLMELARRKGFVLENLSDSVTHIVAENNSGSDVLEWLQAQKVQVSSQPELLDVSWLIEC
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (37.51 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

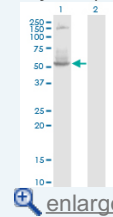
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

Application Image

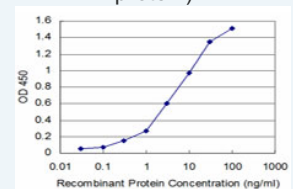
Western Blot (Transfected lysate)



[enlarge](#)

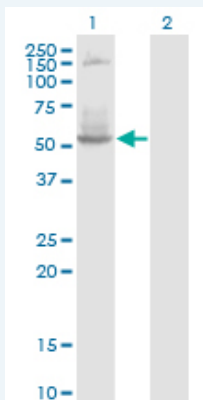
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Western Blot analysis of DNTT expression in transfected 293T cell line by DNTT monoclonal antibody (M01), clone 4H5.

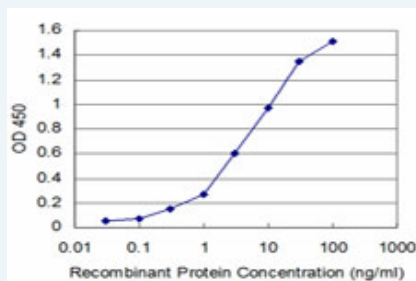
Lane 1: DNTT transfected lysate (Predicted MW: 58.4 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged DNTT is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1791](#)

GeneBank [BC012920](#)
Accession#:

Protein [AAH12920](#)
Accession#:

Gene Name: DNTT

Gene Alias: TDT

Gene Description: deoxynucleotidyltransferase, terminal

Omim ID: [187410](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is a member of the DNA polymerase type-X family and encodes a template-independent DNA polymerase that catalyzes the addition of deoxynucleotides to the 3'-hydroxyl terminus of oligonucleotide primers. In vivo, the encoded protein is expressed in a restricted population of normal and malignant pre-B and pre-T

lymphocytes during early differentiation, where it generates antigen receptor diversity by synthesizing non-germ line elements (N-regions) at the junctions of rearranged Ig heavy chain and T cell receptor gene segments. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq]

Other DNA
Designations: nucleotidylexotransferase,OTTHUMP00000020171,nucleosidetriphosphate:DNA deoxynucleotidylexotransferase,terminal addition enzyme,terminal deoxynucleotidyltransferase,terminal deoxyribonucleotidyltransferase,terminal transferase

Gene Pathway

[Hematopoietic cell lineage Non-homologous end-joining](#)

Related Disease

[Alzheimer Disease](#) [Genetic Predisposition to Disease](#)

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