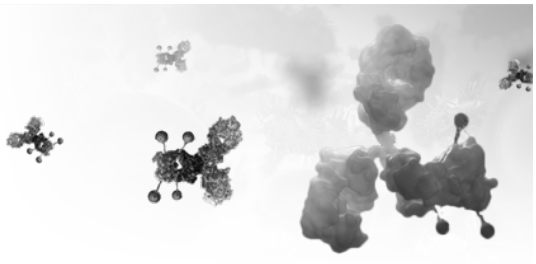

Human TCL1A peptide (DAG-P1184)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Overexpression of the TCL1 gene in humans has been implicated in the development of mature T cell leukemia, in which chromosomal rearrangements bring the TCL1 gene in close proximity to the T-cell antigen receptor (TCR)-alpha (MIM 186880) or TCR-beta (MIM 186930) regulatory elements (summarized by Virgilio et al., 1998 [PubMed 9520462]). In normal T cells TCL1 is expressed in CD4-/CD8- cells, but not in cells at later stages of differentiation. TCL1 functions as a coactivator of the cell survival kinase AKT (MIM 164730) (Laine et al., 2000 [PubMed 10983986]).[supplied by OMIM, Jul 2010]
Specificity	Restricted in the T-cell lineage to immature thymocytes and activated peripheral lymphocytes. Preferentially expressed early in T- and B-lymphocyte differentiation.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the TCL1 family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	TCL1A T-cell leukemia/lymphoma 1A [Homo sapiens (human)]
Official Symbol	TCL1A
Synonyms	TCL1A; T-cell leukemia/lymphoma 1A; TCL1; T-cell leukemia/lymphoma protein 1A; oncogene TCL1; oncogene TCL-1; protein p14 TCL1; T-cell lymphoma-1;

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Entrez Gene ID	8115
mRNA Refseq	NM_001098725.1
Protein Refseq	NP_001092195.1
UniProt ID	P56279
Chromosome Location	14q32.1
Pathway	PI3K-Akt signaling pathway, organism-specific biosystem; PI3K-Akt signaling pathway, conserved biosystem;
Function	protein binding;

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