



# Anti-CD7 monoclonal antibody, clone 477DU39.3.4 (DCABY-1046)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.
<b>Specificity</b>	This CD7 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 34-61 amino acids from the N-terminal region of human CD7.
<b>Isotype</b>	IgM
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	477DU39.3.4
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Molecular Weight</b>	25409 Da
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

## GENE INFORMATION

Gene Name	<a href="#">CD7 CD7 molecule [ Homo sapiens (human) ]</a>
Official Symbol	CD7
Synonyms	CD7; T-cell antigen CD7; GP40; T-cell leukemia antigen; T-cell surface antigen Leu-9; TP41; CD_antigen=CD7; Flags: Precursor
Entrez Gene ID	<a href="#">924</a>
Protein Refseq	<a href="#">NP_006128</a>
UniProt ID	<a href="#">P09564</a>
Chromosome Location	17q25.2-q25.3
Pathway	Hematopoietic cell lineage
Function	receptor activity