

# CD7 Antibody

CD7 Antibody, Mouse Anti Human  
ABM0137

## Product Overview

Name CD7 Antibody

### Description

CD7 Antibody, Mouse Anti Human

### Synonyms

T-cell antigen CD7, GP40, LEU-9, Tp40, TP41, CD7, T-cell leukemia antigen, T-cell surface antigen Leu-9.

### Introduction

T-cell antigen CD7 (CD7) is a type I transmembrane glycoprotein which is expressed on pluripotential hemapoietic cells, nearly all human thymocytes and some peripheral blood T cells. The CD7 molecule is missing in a subset of human T cells under some physiologic conditions. An increase in CD7 negative T cells can be observed in a number of inflammatory skin diseases.

### Source

E.coli.

### Physical Appearance

Sterile Filtered colorless solution.

### Formulation

CD7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Purity

Greater than 90% as determined by SDS-PAGE.

### Amino acid sequence

MGSSHHHHHH SSSLVPRGSH MGS AQEVQQS PHCTTVPVGA SVNITCSTSG GLRGIYLRQL GPQPQDIYY  
EDGVVPTTDR RFRGRIDFSG SQDNLITMHL RLQLSDTGTY TCQAITEVNV YGSGTLVLVT EEQSQGWHRG  
SDAPPRASAL PAPPTGSALP DPQTASALPD PPAASALP.

### Precautions

CD7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

