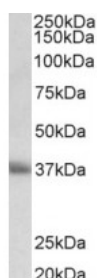




## CD7 Antibody

CATALOG NUMBER: 42-960



Western Blot (0.5ug/ml) staining of Human Thymus lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 37kDa band observed in Human Thymus lysates (calculated MW of 25.4kDa according to NP_006128.1). We do note that CD7 is a glycoprotein which makes a higher size band to be expected. The observed molecular weight corresponds to early
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1314 - Human Thymus Tissue Lysate
<b>PREDICTED MOLECULAR WEIGHT:</b>	Approx 37 kDa
<b>SPECIFICITY:</b>	The immunizing peptide corresponds to a part of the extracellular domain.
<b>IMMUNOGEN:</b>	CD7 Antibody was raised against a 15 amino acid sequence near the internal region of CD7 (aa132-146).
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	Antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	CD7 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	CD7, TP41, Tp40, T-cell surface antigen Leu-9, T-cell leukemia antigen, T-cell antigen CD7, p41 protein, LEU-9, GP40, CD7 molecule, CD7 antigen (p41)
<b>ACCESSION NO.:</b>	NP_006128.1

PROTEIN GI NO.:	5453613
OFFICIAL SYMBOL:	CD7
GENE ID:	924

## Background

FOR RESEARCH USE ONLY

December 13, 2016