

## CD7 Antibody

Catalog No: #48440

Package Size: #48440-1 50ul #48440-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

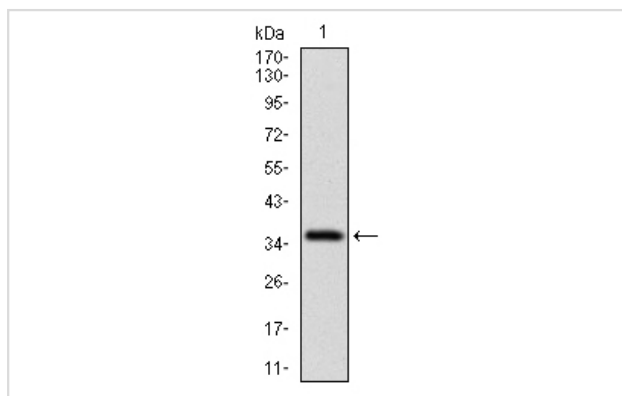
## Description

Product Name	CD7 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	F8-D4
Purification	ProA affinity purified
Applications	WB,IHC, FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	CD7 antibody CD7 antigen (p41) antibody CD7 antigen antibody CD7 molecule antibody CD7_HUMAN antibody GP40 antibody LEU 9 antibody LEU9 antibody p41 protein antibody T cell antigen CD7 antibody T cell leukemia antigen antibody T cell surface antigen Leu 9 antibody T-cell antigen CD7 antibody T-cell leukemia antigen antibody T-cell surface antigen Leu-9 antibody Tp 40 antibody Tp40 antibody TP41 antibody
Accession No.	Swiss-Prot#:P09564
Uniprot	P09564
GeneID	924;
Calculated MW	25 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

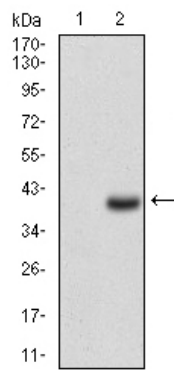
## Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200 FC: 1:100-1:200

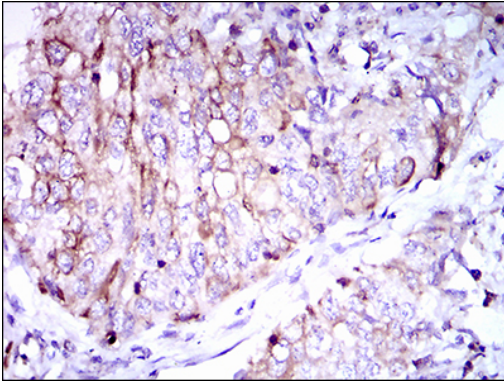
## Images



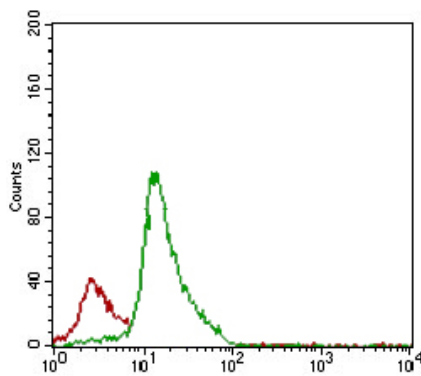
Western blot analysis of CD7 on human CD7 recombinant protein using anti-CD7 antibody at 1/1,000 dilution.



Western blot analysis of CD7 on HEK293 (1) and CD7-hlgGfc transfected HEK293 (2) cell lysate using anti-CD7 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-CD7 antibody. Counter stained with hematoxylin.



Flow cytometric analysis of Jurkat cells with CD7 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).

## Background

CD7 (also designated T cell leukemia antigen) is a type I transmembrane glycoprotein that is expressed on pluripotential hemopoietic cells, most human thymocytes and some peripheral blood T cells. CD7 is a marker for pluripotential stem cell leukemias and T cell acute lymphocytic leukemia. A role for CD7 in the activation of T cells with g/d receptors has been suggested. CD8 T cells from patients infected with HIV-1 displayed profound down-modulation of CD7 expression as compared with healthy subjects. CD7 is among the pan-T-cell antigens down-regulated in acute infectious mononucleosis.

## References

Note: This product is for in vitro research use only