CD7 Antibody

Catalog No: #48440

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

Signalway Antibody
Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

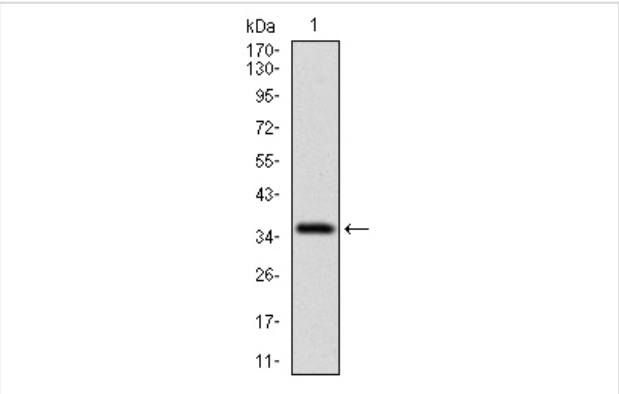
Description

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
Conjugates	Unconjugated
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
Calculated MW	25 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

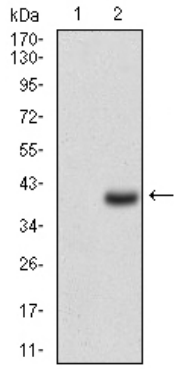
Application Details

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

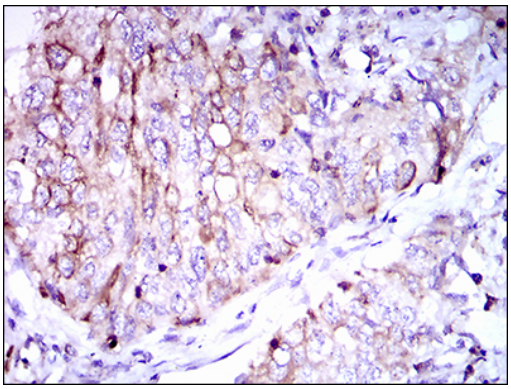
Images



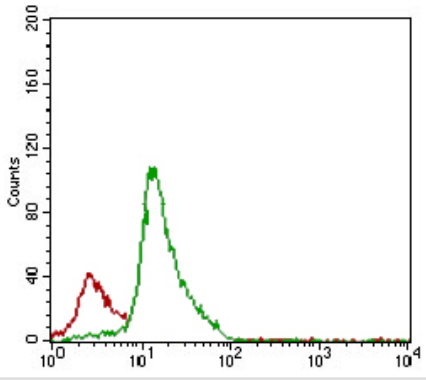
Western blot analysis of CD7 on human CD7 recombinant protein using anti-CD7 antibody at 1/1,000 dilution.



Western blot analysis of CD7 on HEK293 (1) and CD7-hIgGFc 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 hemapoietic 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 and is not intended for use in humans or animals.