

Anti-CD7 Antibody (9J161)

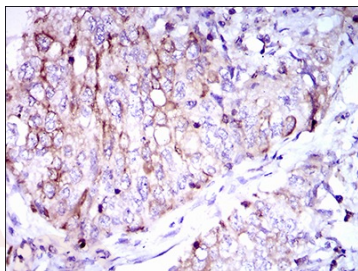
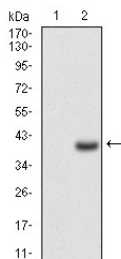
Product Details

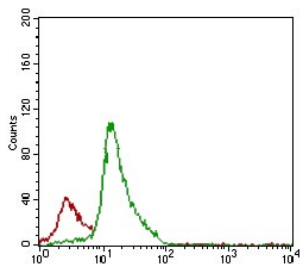
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 25 kDa.
Clone:	9J161
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of CD7 on human CD7 recombinant protein using anti-CD7 antibody at 1/1,000 dilution.
2. 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.
3. Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-CD7 antibody. Counter stained with hematoxylin.
4. 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).





Application: FCM,IHC,WB

Recommended WB: 1:500-1000; IHC: 1:50-200; FCM: 1:100-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: P09564

Synonyms: T-cell surface antigen Leu-9;TP41;GP40;T-cell antigen CD7;T-cell leukemia antigen

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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