

Anti-CD7 Antibody

Catalog # AP95530

Product Information

Application	FC, IF/IC
Primary Accession	P09564
Reactivity	Human
Host	Mouse
Clonality	Monoclonal (clone: T3-3A1)
Calculated MW	25409

Additional Information

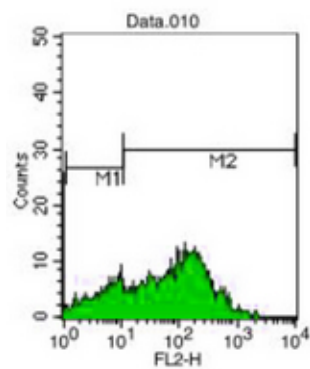
Gene ID	924
Other Names	T-cell antigen CD7; GP40; T-cell leukemia antigen; T-cell surface antigen Leu-9; TP41; CD antigen CD7
Target/Specificity	Native purified human CD7.
Dilution	FC~~FC (1/500 - 1/2000) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CD7
Function	Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed: 7506726). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed: 10652336). In turn, mediates the production of cytokines such as IL-2 (PubMed: 1709867). On resting NK-cells, CD7 activation results in a significant induction of interferon-gamma levels (PubMed: 7506726).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed on T-cells and natural killer (NK) cells and their precursors.

Images

Flow cytometric analysis of human peripheral blood



lymphocytes using Anti-CD7 Antibody, followed by anti-mouse IgG PE.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.