



Rabbit Anti-Human CD7 monoclonal antibody, clone S126 (CABT-ZB453)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	It reacts with Human CD7
Target	CD7
Immunogen	Recombinant Human CD7 protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S126
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA, ELISA(cap), IHC-P This antibody will detect CD7 in antibody pair set. [ABPR-ZB027]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CD7 / LEU9.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL
Buffer	PBS

Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. CD7 is a transmembrane protein that is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.
Keywords	CD7; CD7 molecule; GP40; TP41

GENE INFORMATION

Synonyms	CD7; CD7 molecule; GP40; TP41; Tp40; LEU-9; T-cell antigen CD7; p41 protein; CD7 antigen (p41); T-cell leukemia antigen; T-cell surface antigen Leu-9
Entrez Gene ID	924
UniProt ID	P09564