

Anti-CD7 antibody (26-180) (STJ29964)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/FC/ELISA
Host / Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

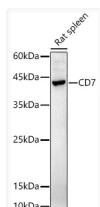
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 FC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 25kDa Observed Mw: 38-40kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

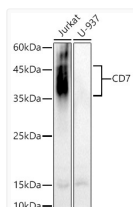
Gene ID	924
Gene Symbol	CD7
UniProt ID	CD7_HUMAN
Immunogen Region	26-180
Immunogen Sequence	AQEVQQSPHCTTVPVGASVN ITCSTSGGLRGIYLRQLGPQ PQDIIYYEDGVVPTTDRRFR GRIDFGSQDNLITIMHRLQ LSDTGTYTCQAITEVNVYGS GTLVLVTEEQSQGWHRCSDA PPRASALPAPPTGSALPDPOQ TASALPDPPAASALP
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 26-180 of human CD7 (NP_006128.1).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of extracts of Rat spleen, using CD7 antibody (STJ29964) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.



Western blot analysis of extracts of various cell lines, using CD7 antibody (STJ29964) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.