

PE-Labeled Recombinant Human CD7 Protein

Catalog No.: RP00588PLQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	924	P09564

Tags

C-His&Avi

Synonyms

CD7 molecule; CD7; LEU-9; Tp40; TP41; GP40

Product Information

Source	Purification
HEK293 cells	

Calculated MW	Observed MW
19.3 kDa	

Endotoxin

< 1 EU/μg of the protein by LAL method

Formulation

Supplied as 0.22 μm filtered solution in PBS (pH 7.4).

Reconstitution

Background

CD7, also known as Leu-9, is an approximately 40 kDa glycosylated and palmitoylated transmembrane protein in the immunoglobulin superfamily. CD7 is expressed on T cells, NK cells, myeloid progenitor cells, and CD19 B progenitor cells. Among CD8 T cells, the CD7-bright population preferentially contains naive and memory cells, while more weak expressors are primarily effector cells.

Basic Information

Description

PE-Labeled Recombinant Human CD7 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ala26-Pro180) of Human CD7 (Accession #P09564) fused with a C-His&Avi tag at the C-terminus.

Bio-Activity

Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

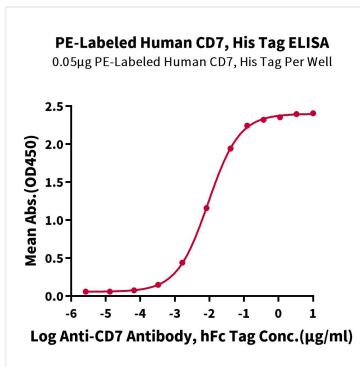
Contact

 | 400-999-6126

 | cn.market@abclonal.com.cn

 | www.abclonal.com.cn

Validation Data



Immobilized PE-Labeled Human CD7, His Tag at 0.5 µg/mL (100 µL/well) on the plate. Dose response curve for Anti-CD7 Antibody, hFc Tag with the EC₅₀ of 9.2ng/mL determined by ELISA.