PE-Labeled Recombinant Human CD7 Protein

Catalog No.: RP00588PLQ

Sequence Information

Species
Human

Gene ID
924

Swiss Prot
P09564

Tags
C-His&Avi

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

Product Information

Source
HEK293 cells

Purification

Calculated MWObserved 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 na?ve 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.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

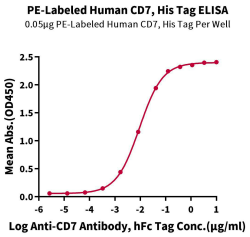
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

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 EC_{50} of 9.2ng /mL determined by ELISA.