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Product Datasheet

Recombinant Human CD7 Protein ABB-RP02864

Article Name	Recombinant Human CD7 Protein
Biozol Catalog Number	ABB-RP02864
Supplier Catalog Number	RP02864
Alternative Catalog Number	ABB-RP02864-50UG, ABB-RP02864-10UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Ala26-Pro180
Product Description	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 cel...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	42.39 kDa
NCBI	924
UniProt	P09564
Purity	95 % as determined by SDS-PAGE, 95 % as determined by HPLC.
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Sequence	AQEVQQSPHCTTVPVGASVNITCSTSGGLRGIYLRQLGPQPQDIIYYEDGVVPT TDRRFRGRIDFSGSQDNLTITMHLQLSDTGTYTCQAITEVNVYGSGLVLT EEQSQGWHRCS DAPPRASALPAPTGSALPDPQTASALPDPPAASALP
Target	CD7
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Application Notes	Cross-Reactivity: Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles. Research Area: Bio-Markers & CD Antigens