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Product Datasheet

Recombinant Mouse LEU3/CD4 Protein, Human ABB-RP02947

Article Name	Recombinant Mouse LEU3/CD4 Protein, Human
Biozol Catalog Number	ABB-RP02947
Supplier Catalog Number	RP02947
Alternative Catalog Number	ABB-RP02947-100UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Mouse
Immunogen	Lys27-Thr394
Product Description	CD4, also known as L3T4, T4, and W3/25, is an approximately 55 kDa type I transmembrane glycoprotein that is expressed predominantly on thymocytes and a subset of mature T lymphocytes. It is a standard phenotype marker for the identification of T cel...
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	42.4 kDa
NCBI	12504
UniProt	P06332
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	KTLVLGKEGESAELPCESSQKKITVFTWKFSQDKILGQHGKGVLRGGSPSQ FDRFDSKKGAWEKGSFPLIINKLMEDSQTYICELENRKEEVELWVFKVTFSPG TSLLQGQSLTLTLDNSKVSNNPLTECKHKKGKVVSGSKVLSMSNLRVQDSDF WNCTVTLDQKKNWFGMTLSVLGFQSTAITAYKSEGESAEFSPNFAEENGW GELMWKAEKDSFFQPWISFSIKNKEVSVQKSTKDLKLQLKETLP
Target	CD4
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