TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

YBB167Rb01 100μg

Recombinant Cluster Of Differentiation 4 (CD4)

Organism Species: Oryctolagus cuniculus (Rabbit)

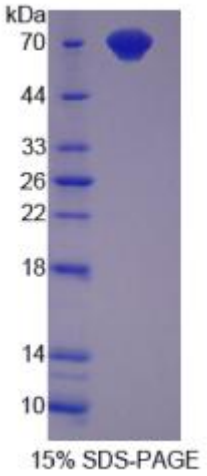
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]



15% SDS-PAGE

Residues: Val29~Pro396

Tags: Two N-terminal Tags, His-tag and GST-tag

Accession: P46630

Host: *E. coli*

Purity: >90%

Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 8.7

Predicted Molecular Mass: 70.6kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8^{O}C for one month.

Aliquot and store at -80^{O}C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37^{O}C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

VR GKAG AI VELP CQS SQ KR NSV FNWKH AN QV K ILGN QG SS SS SFWLKG NS PL SNRVESKKNM WDQGSFPLVI KDLRMDDSGT YICEVGDKKM EVELLVFRLT ANPNTRLLHG QSLTLTLEGP SVGSPSVQWK SPENKIIETG PTCSMPKLRL QDSGTWSCHL SFQDQNKLEL DIKIIVLGFP KASATVYKKE GEQVEFSFPL NFEDESLSGE LMWQVDGASS AQSWVSFSLE DRKVSVQKIL PDLKIQMSKG LPLSLTLPQA LHRYAGSGNL SLTLDKGKLH QQVSLVMLKV TQVKNKLTCE VLGPIDPKMK LSLKLEDQEA KVSTQKMVQV LDPKAGTWQC LLSSGDQVLL ESKADVLATG LSHQQP