RPA548Ca01 100μg

Recombinant Intercellular Adhesion Molecule 1 (ICAM1)

Organism Species: Canis familiaris; Canine (Dog)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Gly25~Pro531

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

Accession: F1PB95

Host: *E. coli*

Subcellular Location: Membrane.

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.

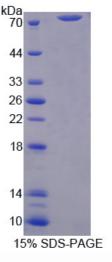**Predicted isoelectric point:** 5.5

Predicted Molecular Mass: 85.9kDa

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

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

kDa
70
44
33
26
22
18
14
10

15% SDS-PAGE

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°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°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.

GGAQTS VDPAEAIIPR GGSVQVNCST SCNQTSIFGL ETLLTKKELN SGDNWVLFEL
TDVQEDSKLI CFSNCHEQTM APMHLTVYWF PERVELAPLP RWQPVGENLT MTCQVAGGAP
RTNLTVVLLR GEEELSRQPA VGEPAEVTFT VAVGREDHLA NFSCRTDLDL RHRGLGLFQN
SSAPRQLQTF VLPETPPRLA TPPIVEVGTQ WSVDCTLDGV FPASEAQVHL ALAEERLHST
VLYKKDSLLA TANVKANPED EGTQQLWCEV TLGDENRRWQ ENVTFYSFPA PNLTLSEPEV
SEWTTVTVEC EAPAGVVVSL SGLPSGLAVP RAQFQLNASA ADNRRSFSCS AALEVAGHML
QKNQTRELHV LYGPRLDQRD CPGNWTWEEG SHQTLKCQAW GNPVPELKCH
RKGDDALLPI GDLRPVKREV AGTYLCQARS PRGEITREVV INVIYHQNNI LIIILVTTIV
ILGTVSVAAY LYNRQRKIQK YKLQKAQEAA AMKLNTPATP P