

PAA548Hu02

Polyclonal Antibody to Intercellular Adhesion Molecule 1 (ICAM1)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: ICAM1, Human

Clonality: Polyclonal

Host: Rabbit

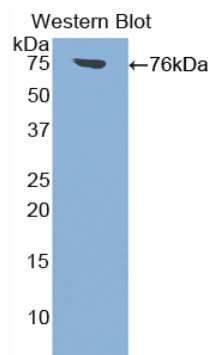
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant ICAM1, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant ICAM1 (Asn26~Glu480) expressed in *E.coli*.

Accession No.: RPA548Hu02

Sequence: The target protein is fused with N-terminal GST-tag and its sequence is listed below.

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSR IA YSKDFETLKV
DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAI PQID KYLKSSKYIA WPLQG WQATF GGGDHPPKSD GGPLGS- NAQTS VSPSKVILPR
GGSVLVTCST SCDQPKLLGI ETPLPKKELL LPGNNRKVYE LSNVQEDSQP MCYSNCPDGQ
STAKTFLTVY WTPERVELAP LPSWQPVGKN LTLRCQVEGG APRANLTVVL LRGEKELKRE
PAVGEP AEVT TTVLVRRDHH GANFSCRTEL DLRPQGLELF ENTSAPYQLQ TFVLPATPPQ
LVSPRVLEVD TQGTVVCSLD GLFPVSEA QV HLA LGDQRLN PTVTYGNDSF SAKASVSVTA
EDEGTQRLTC AVILGNQSQE TLQTVTIYSF PPNVILTKP EVSEGTEVTV KCEAHPRAKV

TLNGVPAQPL GPRAQLLLKA TPEDNGRSFS CSATLEVAGQ LIHKNQTREL RVLYGPRLDE
RDCPGNWTWP ENSQQTPMCQ AWGNPLPELK CLKDGTFLPL IGESVTVTRD
LEGTYLCRAR STQGEVTRKV TVNVLSPRYE

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against ICAM1. It has been selected for its ability to recognize ICAM1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant ICAM1 (Asn26~Glu480) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.
5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 0.02%.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.