

PAA142Hu01

Polyclonal Antibody to Intercellular Adhesion Molecule 5 (ICAM5)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

[**PRODUCT INFORMATION**]

Immunogen: ICAM5, Human

Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

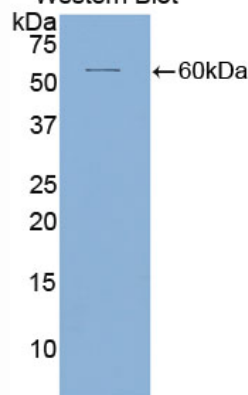
Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 200µg/mL

UOM: 100µg

9th Edition (Revised in Jul, 2013)

Western Blot



Sample: Recombinant ICAM5, Human

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant ICAM5 (Arg409~Pro674) expressed in *E.coli*.

Accession No.: RPA142Hu01

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

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
 GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
 DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
 KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPKSD GSTSGSGHHH HHHSAGLVPR
 GSTAIGMKET AAKFERQHM DSPDLGTLEV LFQGPLGSEF- RL DDSDCPRSWT
 WPEGPEQTLR CEARGNPEPS VHCARSDGGA VLALGLLGPV TRALSGTYRC
 KAANDQGEAV KDVTLTVEYA PALDSVGCPE RITWLEGTEA SLSCVAHGVP PPDVICVRSG
 ELGAVIEGLLRVAREHAGTY RCEATNPRGS AAKNVAVTVE YGPRFEEPSC PSNWTWVEGS

GRLFSCEVDG KPQPSVKCVG SGGATEGVLL PLAPDPSPR APRIPRVLAP
GIYVCNATNRHGSVAKTVVV SAESPPEMDE STCP

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against ICAM5. It has been selected for its ability to recognize ICAM5 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% NaN_3 , 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant ICAM5 (Arg409~Pro674) 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%, NaN_3 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.