

A90002Ra01

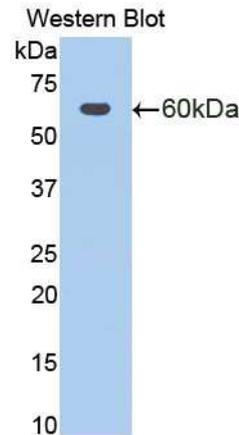
Polyclonal Antibody to Activated Leukocyte Cell Adhesion Molecule (ALCAM)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: ALCAM
Clonality: Polyclonal
Host: Rabbit
Species Reactivity: Rat
Ig type: Rabbit IgG
Purification: Antibodies are purified by target protein affinity chromatography.
Applications: WB, ICC, IHC-P, IHC-F
Form: Liquid
Size: 100µg



Sample: Recombinant rat ALCAM

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant rat ALCAM (Trp28~Lys527) expressed in *E.coli*.
Molecular Weight: 57.6kDa
USCN accession No.: P90002Ra01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHSGSEF-WYTVNSAYGDTIVMPCRLDVPQNL MFGKWKEYEKP DGSPVFI AFRSSTK
 KSVQYDDVPEYKDRLSLSENYTL SNNAKISDEKRFVCM LVTE DNVFEAP TLVKVFKQPSKPEIV
 NRAAFLETEQLKKLGDCISRDSY PDGNITWYRNGKVLQPVDGEVSILFKKEIDPGTQLYTMTSS
 LEYKTTKSDIQMPFTCSVTTYG PSQGKTIYSEQAIFDIYYPTEQV TIQVLP PKNAIKEGDNITLQC
 LGNGNPPPEEFMFYLPQAEGIRSSNTYTLTDVRRNATGDYKCSLIDQRNMAASTTITVHYLDL
 SLNPSGEVTKQIGD TLPV SCTISASRNATVWWMKDNIRLRSSPSFSSLHYQDAGNYVCETALQE

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VEGLKKRESLTLIVEGKPKQIKMTKKTDPSSGLSKTIICHVEGFPKPAIQWTITGSGSVINQTEESPYI
NGRYSKIIISPEENVTLTCTAENQLERTVNSLNVSAISPEHDEADDISDENREKVNDQAK

[**ANTIBODY SPECIFICITY**]

Anti ALCAM is a rabbit polyclonal antibody raised against rat ALCAM. This antibody has been selected for its ability to recognize rat ALCAM in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[**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

Optimal working dilutions must be determined by end user.

[**CONTENTS**]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[**QUALITY CONTROL**]

Content: The quality control contains recombinant rat ALCAM (Trp28~Lys527) 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(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 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.

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