

A90969Mu01
Polyclonal Antibody to Activin A Receptor Type I (ACVR1)
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: ACVR1

Clonality: Polyclonal

Host: Rabbit

Species Reactivity: Mouse

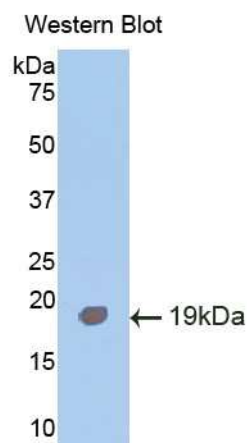
Ig type: Rabbit IgG

Purification: Antibodies are purified by target protein affinity chromatography.

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

Form: Liquid

Size: 100µg



Sample: Recombinant mouse ACVR1

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant mouse ACVR1 (Ile208~Lys340) expressed in *E.coli*.

Molecular Weight: 16.7kDa

USCN accession No.: P90969Mu01

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

MGHHHHHSGSEF-ITL LECVGKGRYG EVWRGSWQGE NVAVKIFSSR DEKSWFRETE
 LYNTVMLRHE NILGFASDM TSRHSSTQLW LITHYHEMGS LYDYLQLTTL DTVSCLRIVL
 SIASGLAHLH IEIFGTQGKS AIAHRDLKSK

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11271 Richmond Avenue, H104, Houston, TX 77082, USA | Toll free: 001-888-960-7402 | Fax: 001-832-538-0088 | Email: mail@uscnk.us | Http://www.uscnk.us
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[ANTIBODY SPECIFICITY]

Anti ACVR1 is a rabbit polyclonal antibody raised against mouse ACVR1. This antibody has been selected for its ability to recognize mouse ACVR1 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 mouse ACVR1 (Ile208~Lys340) 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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