

PAD522Hu01

Polyclonal Antibody to Heat Shock Protein 90kDa Alpha B1 (HSP90aB1)

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: HSP90aB1, Human

Clonality: Polyclonal

Host: Rabbit

Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant HSP90aB1 (Met1~Asp724) expressed in *E.coli*.

Accession No.: RPD522Hu01

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

MGHHHHHHSSEFELRRQ-MPEEVHHGEE EVETFAFQAE IAQLMSLIIN TFYSNKEIFL
RELISNASDA LDKIRYESLT DPSKLDGKE LKIDIIPNPQ ERTLTLVDTG IGMTKADLIN
NLGTIAKSGT KAFMEALQAG ADISMIGQFG VGFYSAYLVA EKVVVITKHN DDEQYAWESS
AGGSFTVRAD HGEPIGRGTK VILHLKEDQT EYLEERRVKE VVKKHSQFIG YPITLYLEKE
REKEISDDEA EEEKGEKEEE DKDDEEKPKI EDVGSDEEDD SGKDKKKKTK KIKEKYIDQE
ELNKTPIWT RNPDDITQEEYGEFYKSLTN DWEDHLAVKH FSVEGQLEFR ALLFIPRRAP
FDLFENKKKK NNIKLYVRRV FIMDSCDELI PEYLNfirGV VdSEDLPLNI SREMLQQSKI
LKVIRKNIV KCLELFSela EDKENYKKFY EAFsknlKLG IHEDSTNRRR LSELLRYHTS
QSGDEMTSLS EYVSRMKETQ KSIYYITGES KEQVANSafV ERVRKRGFEV VYMTEPIDEY
CVQQLKEFDG KSLVSVtKEG LELPEDEEEK KKMEESKAKF ENLCKLMKEI LDKKVEKVTI
SNRLVSSPCC IVTSTYGWTA NMERIMKAQA LRDNSTMGYM MAKKHLEINP DHPIVETLRQ
KAEADKNDKA VKDLVLLFE TALLSSGFSL EDPQTHSNRI YRMiKLG LGI DEDEVAEEEP
NAAVPDEIPP LEGDEDASRM EEVD

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against HSP90aB1. It has been selected for its ability to recognize HSP90aB1 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

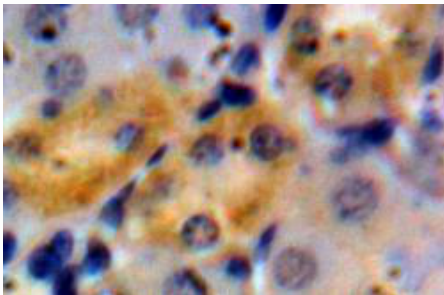
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

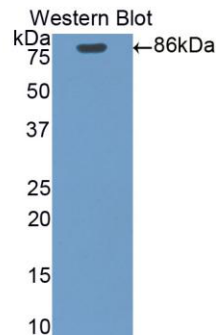
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



Used in DAB staining on formalin fixed
paraffin-embedded kidney tissue



Used in Western Blot, Sample:
Recombinant HSP90aB1, Human

[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 HSP90aB1 (Met1~Asp724) 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.