

A99111Hu02
Antibody to DNA Repair Protein RAD50 (RAD50)
Instruction manual

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

6th Edition (Revised in March, 2013)

[PRODUCT INFORMATION]

Immunogen: RAD50

Clonality: Polyclonal

Host: Rabbit

Organism: Human

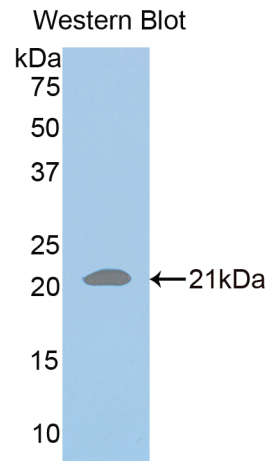
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

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

Concentration: 200µg/mL

UOM: 100µg



Sample: Recombinant Human RAD50




[IMMUNOGEN INFORMATION]

Immunogen: Recombinant human RAD50 (Asp631~Thr793) expressed in *E. coli*.

USCN Accession No.: P99111Hu02

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

MGHHHHHHSGSEF- DVCGSQDFES DLDRLEKEIE KSSQRAMLA GATAVYSQFI
TQLTDENQSC CPVCQRVFQT EAELQEVID LQSKLRLAPD KLKSTESSELK KKEKRRDEML
GLVPMRQSII DLKEKEIPEL RNKLQNVNRD IQRLKNDIEE QETLLGTIMP EEESAKVCLT DVT

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[ANTIBODY SPECIFICITY]

Anti RAD50 is a rabbit polyclonal antibody raised against human RAD50. This antibody has been selected for its ability to recognize human RAD50 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, pH7.4, containing 0.02% Na₃N, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant human RAD50(Asp631~Thr793) 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%, 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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