

PAA109Mu01

Polyclonal Antibody to Creatine Kinase, Muscle (CKM)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PRODUCT INFORMATION]

Immunogen: CKM, Mouse

Purification: Affinity Chromatography.

Clonality: Polyclonal

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

Host: Rabbit

Concentration: 200µg/mL

Immunoglobulin Type: IgG

UOM: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant CKM (Lys11~Leu367) N-terminal His-Tag expressed in *E.coli*.

Accession No.: RPA109Mu01

[ANTIBODY SPECIFICITY]

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

[APPLICATIONS]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

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 CKM (Lys11~Leu367) 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).

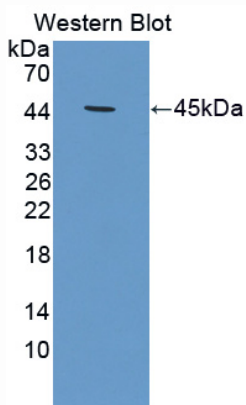
Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN_3 0.02%.

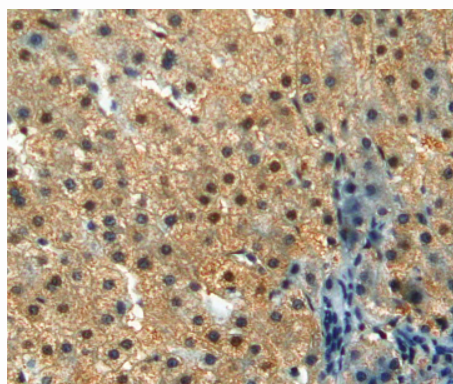
[STORAGE]

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.

[IMAGES]



Used in Western Blot, Sample:
Recombinant CKM, Mouse



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

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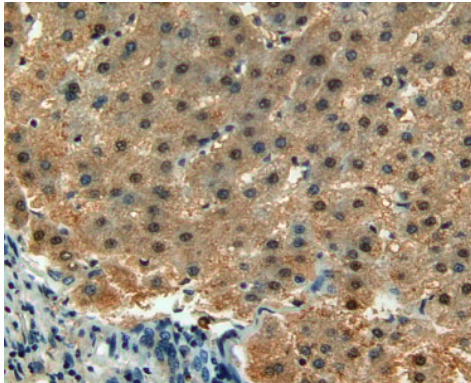
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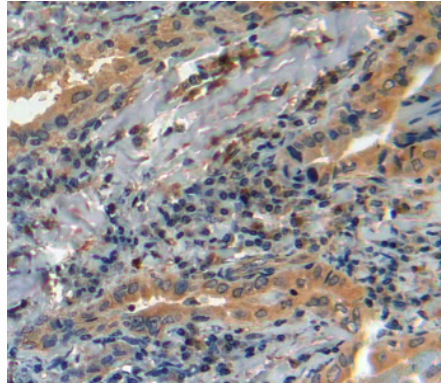
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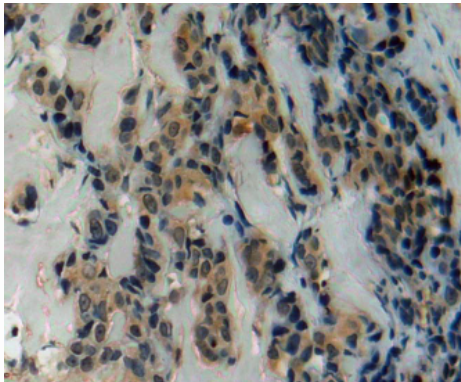
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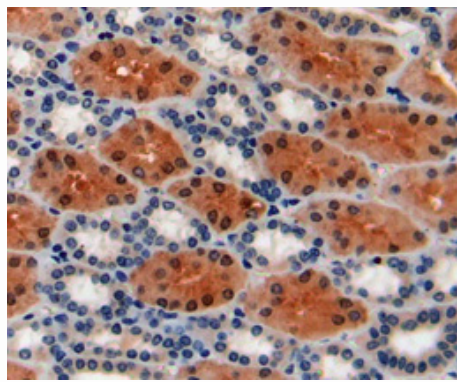
**Used in DAB staining on formalin fixed
paraffin- embedded Liver cancer tissue**



**Used in DAB staining on formalin fixed
paraffin- embedded thyroid cancer tissue**



**Used in DAB staining on formalin fixed
paraffin- embedded breast cancer tissue**



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