

PAB823Mu01**Polyclonal Antibody to Complement Component 9 (C9)****Organism Species: *Mus musculus* (Mouse)*****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: C9, Mouse**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 C9 (Pro136~Arg512) expressed in *E.coli*.**Accession No.:** RPB823Mu01**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSSLVPRGSH MASMTGGQQM GRGS- PRTPC RDRVAEESL
GLTAGYGINI LGMEPLRTPF DNEFYNGLCD RVRDEKTYR KPWNVVSLIY ETKADKSFRT
ENYDEHLEVF KAINREKTSN FNADFALKFS ATEVPEKGAG EVSPAETHSSK PTNISAKFKF
SYFMGKNFRR LSSYFSQSKK MFVHLRGVVQ LGRFVMNRD VVLRSTFLDD VKALPTSYEK
GEYFGFLETY GTHYSTGSL GGQYEIVYVL DKASMKEKGV DLNDVKHCLG FNMDLRIPQL
DDLKDAVTA SVNADGCIKT DNGKTVNITR DNIIDVISF IRGGTREQAI LLKEKILRGD
KTFDKTDFAN WASSLANAPA LISQRMSPY NLIPLKIKDA YIKKQNLEKA VEDYIDEFST KR

[ANTIBODY SPECIFICITY]

The antibody is a rabbit polyclonal antibody raised against C9. It has been selected for its ability to recognize C9 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

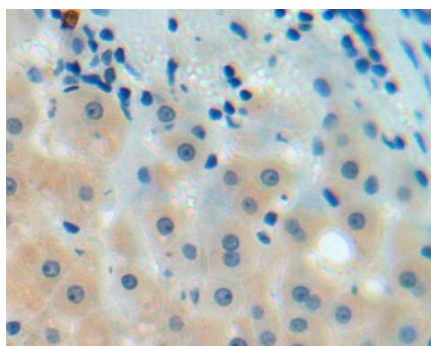
Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

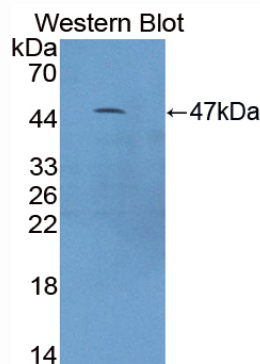
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[IMAGES]



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



Used in Western Blot, Sample:
Recombinant C9, Mouse

[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 C9 (Pro136~Arg512) 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.