

**PAB306Ra01****Polyclonal Antibody to Complement Component 8b (C8b)****Organism Species: Rattus norvegicus (Rat)****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:** C8b, Rat**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 C8b (Cys161~Arg503) expressed in *E.coli*.**Accession No.:** RPB306Ra01**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and T7-tag and its sequence is listed below.

MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGS- CSQDMEQYWA IGNLASGINL  
FTNTFEGPVL DHRYYAGACS PHYILNTNFR KPYNVESYTP QTQKGKYEAL TEYESYDFE  
HNVTEKATSK SSFKFGFKLD GLVEFGVRKE SNEGRHYISR TKRFSHTKSK FLHARSVLEV  
AHYKLSRQL MLHYEFLQRV KSLPLEYSYG EYRDLLRDFG THFITEAVLG GIYEYTLIMN  
KDAMERGDYT LDHVSACAGG GFQIGGNVYK VYLKLGVSEK KCSDILNEIK DRNKRRTMVE  
DLVVLVRGGT SEYITSLAYK DLPTAELMKE WGDVQYNPA IIKLKAEPY ELVTATDFAY  
SSTVKQNMKK ALEEFQMEVS SCR

**[ ANTIBODY SPECIFICITY ]**

The antibody is a rabbit polyclonal antibody raised against C8b. It has been selected for its ability to recognize C8b in immunohistochemical staining and western blotting.

**[ APPLICATIONS ]**

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

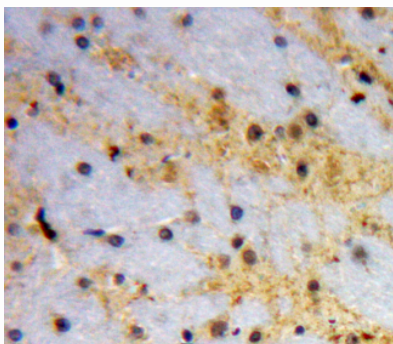
Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

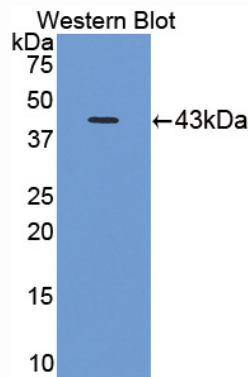
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## [ **IMAGES** ]



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



Used in Western Blot, Sample:  
Recombinant C8b, Rat

## [ **CONTENTS** ]

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02%  $\text{NaN}_3$ , 50% glycerol.

## [ **QUALITY CONTROL** ]

**Content:** The quality control contains recombinant C8b (Cys161~Arg503) 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%,  $\text{NaN}_3$  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.