

**A91996Mu01**

**Polyclonal Antibody to Apolipoprotein C2 (APOC2)**

*Instruction manual*

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

5th Edition (Revised in January, 2013)

**[ PRODUCT INFORMATION ]**

**Immunogen:** APOC2

**Clonality:** Polyclonal

**Host:** Rabbit

**Species Reactivity:** Mouse

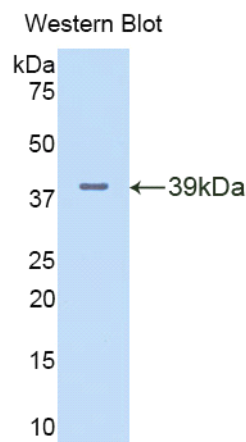
**Ig type:** Rabbit IgG

**Purification:** Antibodies are purified by target protein affinity chromatography.

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

**Form:** Liquid

**Size:** 100µg



*Sample: Recombinant mouse APOC2*

**[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant mouse APOC2 (Ile13~Glu97) expressed in *E. coli*.

**Molecular Weight:** 36.4kDa

**USCN accession No.:** P91996Mu01

**Sequence:** The target protein is fused with two N-terminal Tags, His-tag and GST-tag and its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL  
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD  
VVLYMDPMCL DAFPKLVCVK KRIEAIQID KYLKSSKYIA WPLQGWWQATF GGGDHPPKSD  
GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV LFG



GPLGSEF-ILMLGNEV QGNQEDDSGS LALLGTVQGS LLSYWTSAKE VAKDLYQKTY  
PISMDEKLRD MYKSSAAMS TYAGIFTDQL LTLLRGE

**[ ANTIBODY SPECIFICITY ]**

Anti APOC2 is a rabbit polyclonal antibody raised against mouse APOC2. This antibody has been selected for its ability to recognize mouse APOC2 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.

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**Form & Buffer:** Supplied as solution form in PBS, pH 7.4, containing 0.02% Na<sub>3</sub>N, 50% glycerol.

**[ QUALITY CONTROL ]**

**Content:** The quality control contains recombinant mouse APOC2 (Ile13~Glu97) 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(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na<sub>3</sub>N 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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