

**PAB975Mu01****Polyclonal Antibody to Tenascin C (TNC)****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:** TNC, 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 TNC (Cys174~Ser621) expressed in *E.coli*.**Accession No.:** RPB975Mu01**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 GRGSEF- CVCEPGW KGPNCSEPD  
PGNCNLRGQC LDGQCICDEG FTGEDCSQLA CPNDCNDQGR CVNGVCVCFE  
GYAGPDCGLE VCPVPCSEEH GMCVDGRCVC KDGFAGEDCN EPLCLNNCYN  
RGRCVENECV CDEGFTGEDC SELICPNDCF DRGRACINGTC YCEEFTGED  
CGELTCPND CQGRGQCEEGQ CVCNEGFAGA DCSEKRCPAD CHHRGRCLNG  
QCECDDGFTG ADCGDLQCPN GCSGHGRCVN GQCVCDEGYT GEDCSQRRCP  
NDCHNRGLCV QGKCICEQGF KGFD CSEMSC PNDCHQHGR VNGMCICDDD  
YTGEDCRDRR CPRDCSQRGR CVDGQCICED GFTGPDCAEL SCPSDCHGHG  
RCVNGQCICH EGFTGKDCKE QRCPSDCHGQ GRCEDGQCIC HEGFTGLDCG  
QRSCPNDCSN QGQCVSGRCI CNEGYTGIDC S

**[ ANTIBODY SPECIFICITY ]**

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

## [ APPLICATIONS ]

Western blotting: 1:50-400

Immunocytochemistry in formalin fixed cells: 1:50-500

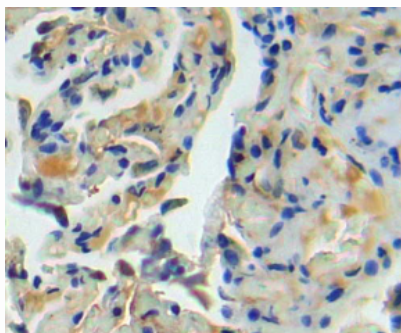
Immunohistochemistry in formalin fixed frozen section: 1:50-500

Immunohistochemistry in paraffin section: 1:10-100

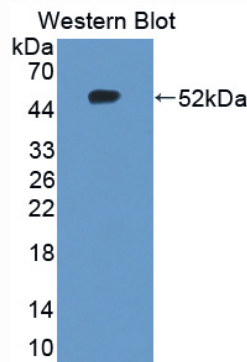
Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

## [ IMAGES ]



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



Used in Western Blot, Sample:  
Recombinant TNC, Mouse

## [ 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 TNC (Cys174~Ser621) 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.