

**MAA133Hu22**

**Monoclonal Antibody to Tumor Necrosis Factor Alpha (TNFa)**

**Organism Species: Homo sapiens (Human)**

***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:** TNFa, Human

**Clonality:** Monoclonal

**Clone number:** A

**Host:** Mouse

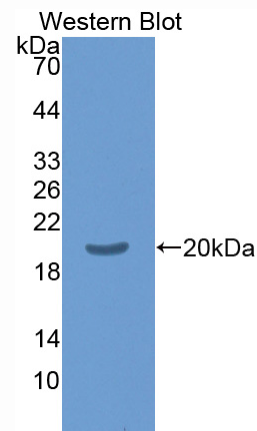
**Immunoglobulin Type:** IgG

**Purification:** Affinity Chromatography.

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

**Concentration:** 500µg/mL

**UOM:** 200µg



*Sample: Recombinant TNFa, Human*

## **[ IMMUNOGEN INFORMATION ]**

**Immunogen:** Recombinant TNFa (Val77~Leu233) expressed in *E.coli*.

**Accession No.:** RPA133Hu01

**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- VRSS SRTPSDKPVA  
HVVANPQAEQ QLQWLNRRAN ALLANGVELR DNQLVVPSEG LYLIYSQVLF  
KGQGCPSTHV LLTHTISRIA VSYQTKVNL SAIKSPCQRE TPEGAEAKPW YEPIYLGGVF  
QLEKGDRLSA EINRPDYLDF AESGQVYFGI IAL

## **[ ANTIBODY SPECIFICITY ]**

The antibody is a mouse monoclonal antibody raised against TNF $\alpha$ . It has been selected for its ability to recognize TNF $\alpha$  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.

## **[ CONTENTS ]**

**Form & Buffer:** Supplied as solution form in PBS, pH7.4, containing 0.02% NaN<sub>3</sub>, 50% glycerol.

## **[ 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.