



Anti TNF- α (Rat) Serum **Cat. No. YII-YC031-EX**

Description: Rat, mouse and rabbit tumor necrosis factor- α (TNF- α) are a polypeptide of 156 amino acid residues. The apparent molecular masses of TNF- α under denaturing conditions are 17KDa.²⁾³⁾ Current evidence suggests that the membrane anchored form of TNF- α that exists on the surface of macrophages and/or monocytes in addition to serving as a reservoir for release of soluble TNF- α has cytotoxic activity.⁴⁾⁵⁾

Immunogen: Recombinant TNF- α (Rat) **Host:** Goat

for ELISA: Approximately 0.4-0.2 ng/well of recombinant rat TNF- α can be detected using an antiserum concentration of dilution ratio x1000.

for WB: An antiserum concentration of dilution ratio x1000 will allow visualization of 10-3 ng/lane of recombinant rat TNF- α under reducing condition.

Specificity: TNF- α (Rat) 100%, TNF- α (Human) 35.7%
IL-1 α (Rat) <0.01% IL-1 α (Human) <0.01%
IL-1 β (Rat) <0.01% IL-1 β (Human) <0.01%
Other Cytokines <0.01%

Related Antisera: Rabbit Anti TNF- α (Rat) Serum YII-YC030-EX
Anti TNF- α (Rat) Monoclonal Antibody YII-YC032-EX

Related Peptides: TNF- α , TNF- β , Other Cytokines

Storage: Keep frozen below -20°C
Avoid repeated freezing-thawing.

REFERENCES:

- 1) J.Vilcek and T.H. Lee, J.Biol. Chem., 266:7313,1991
- 2) B.B. Aggarawl, B.Moffat, R.N.Harkins. J.Biol.Chem., 259:686,1984
- 3) B.B. Aggarawl, W.J.Kohr, P.E.Hass, B.Moffat, S.A.Spencer, W.J.Henzel, T.S.Bringman, G.E.Nedwin, D.V.Goeddel, R.N.Harkins. J.Biol.Chem. 260:2345,1985
- 4) M.Kriegler, C.Perez, K.DeFay, I.Albert, S.D.Lu. Cell. 53:45,1988
- 5) B.Luettig, T.Decker, M.L.Lohmann-Matthes. J.Immunol. 143:4034,1989

FOR RESEARCH LABORATORY USE ONLY

DO NOT USE ORGANIC SOLVENTS FOR DISSOLVING ANTISERUM

