



**RABBIT ANTI-RAT TNF- $\alpha$   
AFFINITY PURIFIED  
POLYCLONAL ANTIBODY**

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|------------|
| <b>CATALOG NUMBER:</b>   | AB1837P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>QUANTITY:</b> | 50 $\mu$ g |
| <b>LOT NUMBER:</b>       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |            |
| <b>SPECIFICITY:</b>      | Reacts with rat TNF- $\alpha$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                  |            |
| <b>APPLICATIONS:</b>     | <p>Western blot: 0.1-0.2 <math>\mu</math>g/mL, this concentration should offer detection limit of 1.5-3.0 ng/lane, under reducing or non-reducing conditions.</p> <p>Neutralization: 0.07-0.1 <math>\mu</math>g/mL will yield one-half maximal inhibition [ND<sub>50</sub>] of the biological activity of rat TNF-<math>\alpha</math> at 2 ng/mL.</p> <p>ELISA: 0.5 <math>\mu</math>g/mL, this concentration will allow detection (in direct ELISA) of 0.2-0.4 ng/well when recombinant rat TNF-<math>\alpha</math> is used to coat the plate.</p> <p><i>Optimal working dilutions must be determined by end user.</i></p> |                  |            |
| <b>IMMUNOGEN:</b>        | Highly purified (>98%) recombinant rat TNF- $\alpha$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                  |            |
| <b>PRESENTATION:</b>     | Affinity purified Immunoglobulin lyophilized from PBS pH 7.2, no preservatives. Reconstitute with sterile distilled water.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                  |            |
| <b>STORAGE/HANDLING:</b> | The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile water to a concentration of $\geq$ 0.2 mg/ml the antibody is stable for at least six weeks at 2-4°C. For long term storage aliquot and maintain the reconstituted antibody at -20°C for up to 6 months.                                                                                                                                                                                                                                                        |                  |            |

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200  $\mu$ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC  
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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