

TNF-alpha, Affinity Purified Human pAb

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| Catalog No. | PA1262G | Quantity: | 100 µg |
| Description: | Goat Anti-human TNF-alpha Affinity Purified polyclonal antibody | | |
| Specificity: | Human | | |
| Host: | Goat | | |
| Immunogen: | Recombinant Human TNF-alpha | | |
| Formulation: | A sterile filtered antibody solution (1.0 mg/ml) was lyophilized from 0.5X PBS pH 7.4. | | |
| Reconstitution: | Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of ≤0.2 mg/ml. | | |
| Applications: | <p>Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of human TNF-α (0.25 ng/ml), a concentration of 0.012-0.014 µg/ml of this antibody is required.</p> <p>ELISA: To detect human TNF-α by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant human TNF-α.</p> <p>Western Blot: To detect human TNF-α by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant human TNF-α is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>The optimal concentration should be determined by the user for each specific application.</p> | | |
| Storage & Stability: | Stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted according to the above directions, the antibody is stable for at least six weeks at 2-4°C. Avoid repeated freeze-thaw cycles. | | |

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