

**Data sheet**      **Monoclonal antibody to human tumor necrosis factor alpha (TNF- $\alpha$ )**

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| <b>Cat. No.:</b> | <b>CT260</b>   |
| Clone:           | 61E71  |
| Isotype:         | Mouse IgG <sub>1</sub>   |
| Production:      | <i>In vitro</i> using serum free medium.   |
| Purification:    | Ion exchange chromatography.   |
| Packaging:       | Lyophilized and vacuum-packed.   |
| Contents:        | 0.5 mg/vial  |
| Buffer:          | Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.  |
| Specificity:     | Neutralizes both natural and recombinant human TNF- $\alpha$ <i>in vitro</i> and <i>in vivo</i> . The antibody does not bind to rodent TNF- $\alpha$ .   |
| Sterility:       | Membrane filtered (0.2 $\mu$ m).   |
| Reconstitution:  | Dissolve the contents of the vial by injection of 0.5 ml sterile distilled water.  |
| Stability:       | Lyophilized product is stable for at least one year at 4°C (expiry date is indicated on the vial). After reconstitution, the contents can be safely stored at 4°C for one month or for one year at -20°C. Add 0.02% sodiumazide to prevent bacterial growth. |
| Quantitation:    | Antibody concentration was determined by absorbance, taking A280=1.4 for a 1 mg/ml solution.   |
| Application:     | Immunohistochemical analysis<br>Neutralization assay<br>Western blot analysis  |
| References:      | Boven, L.A. <i>et al.</i> 2006. Brain 129: 517-526<br>Leeuwenberg, J.F.M. <i>et al.</i> 1988. Eur. J. Immunol. 18: 1469-1472<br>De Vos, A.F. <i>et al.</i> 2005. J. Neuroimmun. 161: 29-39   |

