

| DESCRIPTION | |
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| Species Reactivity | Mouse |
| Specificity | Detects mouse TLR4 in direct ELISAs. In direct ELISAs, does not cross-react with recombinant mouse TLR1, 2, 3, 6, or recombinant human TLR4. |
| Source | Monoclonal Rat IgG _{2A} Clone # 267518 |
| Purification | Protein A or G purified from hybridoma culture supernatant |
| Immunogen | Mouse myeloma cell line NS0-derived recombinant mouse TLR4 Asn26-Lys629 Accession # Q9QUK6 |
| Conjugate | Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm |
| Formulation | Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

| APPLICATIONS | | |
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| Please Note: Optimal dilutions should be determined by each laboratory for each application. <i>General Protocols</i> are available in the <i>Technical Information</i> section on our website. | | |
| | Recommended Concentration | Sample |
| Flow Cytometry | 0.25-1 µg/10 ⁶ cells | RAW 264.7 mouse monocyte/macrophage cell line treated with LPS, fixed with paraformaldehyde and permeabilized with saponin |

| PREPARATION AND STORAGE | |
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| Shipping | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| Stability & Storage | Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied. |

BACKGROUND
TLR4 belongs to the IL-1 receptor/Toll-like receptor superfamily. It is expressed in placenta and peripheral blood leukocytes. TLR4 is the pattern recognition receptor for LPS.

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