



PRODUCT DATA SHEET

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Anti-TLR4 (human), mAb (28H7)
Toll-like Receptor 4 (human)

Cat. No.: IAX-400-004

Lot. No.:

| | |
|--------------------------------|---|
| Name | Monoclonal Antibody to Toll-like Receptor 4 |
| Clone | 28H7 |
| Quantity | 100 µg |
| Concentration | 1 mg/ml |
| Source / Host | Purified from concentrated hybridoma supernatant |
| Isotype | Mouse IgG2a |
| Immunogen | Human TLR4 |
| Purity | >95% (SDS-PAGE) |
| Formulation | Liquid. PBS, Sucrose, PEG. |
| Specificity | Extracellular domain of human Toll-like Receptor 4 |
| Species Crossreactivity | Detects human TLR4. Not cross-reactive to mouse TLR4, other species not tested. |
| Application | FACS/Immunocytochemistry |
| Handling | Keep sterile |
| Shipping | BLUE ICE |
| Short Term Storage | 2-8°C |
| Long Term Storage | After opening, prepare aliquots and store frozen at -20°C or lower. Avoid freeze/thaw cycles. |
| Stability | Stable for at least 12 months after receipt when stored at -20°C or lower. Thaw at 37°C. |

MSDS Available on request

- General Information**
- Detects human TLR4 in the absence and presence of MD2 (THP-1 human macrophages)
 - Does not block LPS-mediated activation of human TLR4 (NFκB activation)

References

[1] TLR4 antagonist FP7 inhibits LPS-induced cytokine production and glycolytic reprogramming in dendritic cells, and protects mice from lethal influenza infection. Perrin-Cocon L, et al. Sci. Rep. (2017); 7:40791

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