

## Product Datasheet

### TLR4 Antibody (Center) (orb1927785)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb1927785  |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | Affinity Purified Rabbit Polyclonal Antibody (Pab)  |
| <b>Target</b>               | TLR4  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Species/Host</b>         | Rabbit  |
| <b>Isotype</b>              | Rabbit IgG  |
| <b>Conjugation</b>          | Unconjugated  |
| <b>Reactivity</b>           | Human   |
| <b>Predicted Reactivity</b> | Equine, Hamster, Porcine  |
| <b>Form/Appearance</b>      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.                  |
| <b>Immunogen</b>            | This TLR4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 669-698 amino acids from the Central region of human TLR4. Antigen Region: 669-698 aa. |
| <b>UniProt ID</b>           | <b>O00206</b>   |
| <b>MW</b>                   | 95680 Da  |
| <b>Tested applications</b>  | FC, WB  |
| <b>Dilution range</b>       | WB - 1:1000, FC - 1:10-50   |

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

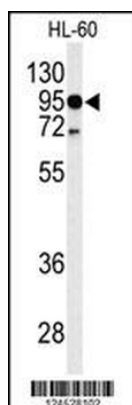
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Biorbyt LLC**

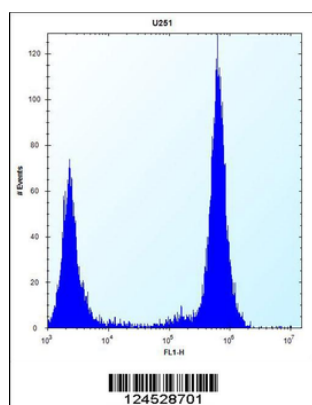
68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

|                        |  |
|------------------------|--|
| <b>Clone Number</b>    | BTD46740   |
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles |
| <b>Note</b>            | For research use only  |
| <b>NCBI</b>            | <b>NP_003257.1, NP_612564.1, NP_612567.1</b>   |
| <b>Expiration Date</b> | 12 months from date of receipt.  |



Western blot analysis of TLR4 Antibody (Center) in HL-60 cell line lysates (35 ug/lane). TLR4 (arrow) was detected using the purified Pab.



TLR4 Antibody (Center) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558