

# Product Datasheet

## TLR8 Antibody (4C6) - Azide and BSA Free H00051311-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00051311-M01**

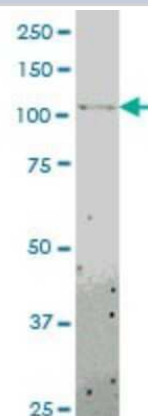
TLR8 Antibody (4C6) - Azide and BSA Free

| Product Information         |                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 mg                                                                                                                                                                                                                                                       |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                                             |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                                                 |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                   |
| Clone                       | 4C6                                                                                                                                                                                                                                                          |
| Preservative                | No Preservative                                                                                                                                                                                                                                              |
| Isotype                     | IgG2b Kappa                                                                                                                                                                                                                                                  |
| Purity                      | IgG purified                                                                                                                                                                                                                                                 |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                                            |
| Product Description         |                                                                                                                                                                                                                                                              |
| Description                 | Novus Biologicals Mouse TLR8 Antibody (4C6) - Azide and BSA Free (H00051311-M01) is a monoclonal antibody validated for use in WB and ELISA. Anti-TLR8 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Mouse                                                                                                                                                                                                                                                        |
| Gene ID                     | 51311                                                                                                                                                                                                                                                        |
| Gene Symbol                 | TLR8                                                                                                                                                                                                                                                         |
| Species                     | Human                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | TLR8 (4C6)                                                                                                                                                                                                                                                   |
| Immunogen                   | TLR8 (NP_619542, 723 a.a. ~ 825 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>RISHLP SGFLSEVSSLKHLDLSSNLLKTINKSALETKTTTKLSMLELHGNPFECTC<br>DIGDFRRWMDEHLNVKIPRLVDVICASPGDQRGKSIVSLELTTCVSD                            |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                           |
| Product Application Details |                                                                                                                                                                                                                                                              |
| Applications                | Western Blot, ELISA                                                                                                                                                                                                                                          |
| Recommended Dilutions       | Western Blot 1:500, ELISA                                                                                                                                                                                                                                    |
| Application Notes           | Antibody reactive against cell lysate, transfected lysate and recombinant protein for western blot. It has also been used for ELISA.                                                                                                                         |

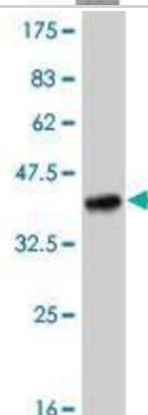


## Images

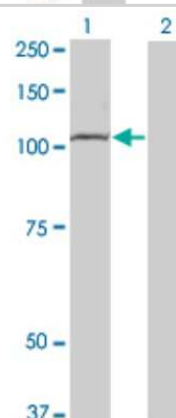
Western Blot: TLR8 Antibody (4C6) [H00051311-M01] - TLR8 monoclonal antibody (M01), clone 4C6 Analysis of TLR8 expression in HL-60.



Western Blot: TLR8 Antibody (4C6) [H00051311-M01] - Western Blot detection against Immunogen (37.33 KDa).



Western Blot: TLR8 Antibody (4C6) [H00051311-M01] - Analysis of TLR8 expression in transfected 293T cell line by TLR8 monoclonal antibody (M01), clone 4C6. Lane 1: TLR8 transfected lysate (121.764 KDa). Lane 2: Non-transfected lysate.



## Publications

Cervantes JL, Dunham-Ems SM, La Vake CJ et al. Phagosomal signaling by *Borrelia burgdorferi* in human monocytes involves Toll-like receptor (TLR) 2 and TLR8 cooperativity and TLR8-mediated induction of IFN- $\beta$ . *Proc Natl Acad Sci U S A*. 2011-02-14 [PMID: 21321205]



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### **Products Related to H00051311-M01**

|                  |                                                           |
|------------------|-----------------------------------------------------------|
| NBP2-26231-5mg   | Imidazoquinoline Resiquimod (R-848), TLR7 and TLR8 ligand |
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]              |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]   |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)      |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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