

# Product Datasheet

## **Toxoplasma gondii SAG2 Antibody (1D12B8) - BSA Free NBP2-61907**

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-61907**

Toxoplasma gondii SAG2 Antibody (1D12B8) - BSA Free

**Product Information**

|                                |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 0.1 ml                                                                                 |
| <b>Concentration</b>           | 1 mg/ml                                                                                |
| <b>Storage</b>                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| <b>Clonality</b>               | Monoclonal                                                                             |
| <b>Clone</b>                   | 1D12B8                                                                                 |
| <b>Preservative</b>            | 0.05% Sodium Azide                                                                     |
| <b>Isotype</b>                 | IgG1                                                                                   |
| <b>Purity</b>                  | Protein G purified                                                                     |
| <b>Buffer</b>                  | PBS                                                                                    |
| <b>Target Molecular Weight</b> | 13.4 kDa                                                                               |

**Product Description**

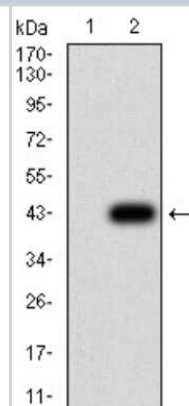
|                    |                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b> | Novus Biologicals Mouse Toxoplasma gondii SAG2 Antibody (1D12B8) - BSA Free (NBP2-61907) is a monoclonal antibody validated for use in WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Mouse                                                                                                                                                                                                                          |
| <b>Gene Symbol</b> | SAG2                                                                                                                                                                                                                           |
| <b>Species</b>     | T. gondii                                                                                                                                                                                                                      |
| <b>Immunogen</b>   | Purified recombinant fragment of Toxoplasma gondii surface antigen 2B Toxoplasma gondii SAG2 (AA: 1-130) expressed in E. Coli.                                                                                                 |

**Product Application Details**

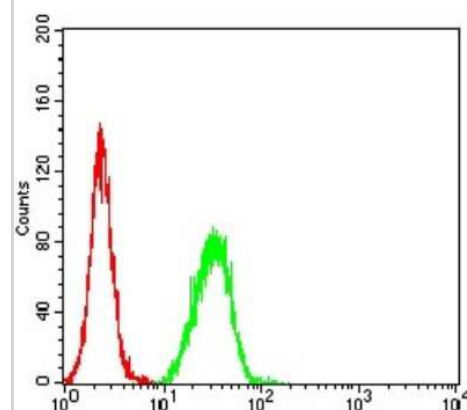
|                              |                                                                           |
|------------------------------|---------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, ELISA, Flow Cytometry                                       |
| <b>Recommended Dilutions</b> | Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000 |

**Images**

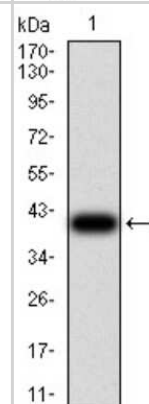
Western Blot: Toxoplasma gondii SAG2 Antibody (1D12B8) [NBP2-61907] - Analysis using SAG2 mAb against HEK293 (1) and SAG2 (AA: 1-130)-hlgGfc transfected HEK293 (2) cell lysate.



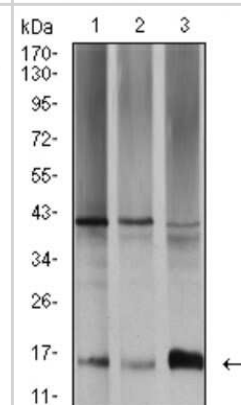
Flow Cytometry: *Toxoplasma gondii* SAG2 Antibody (1D12B8) [NBP2-61907] - Analysis of Hela cells using SAG2 mouse mAb (green) and negative control (red).



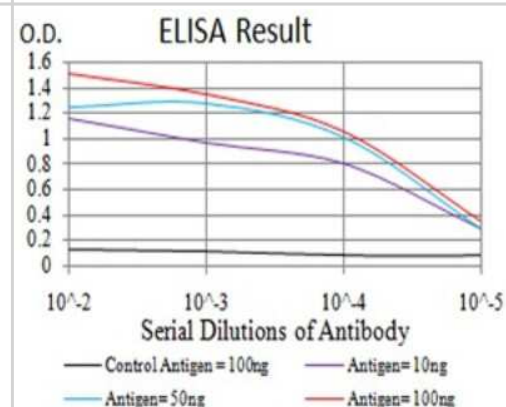
Western Blot: *Toxoplasma gondii* SAG2 Antibody (1D12B8) [NBP2-61907] - Analysis using SAG2 mAb against *Toxoplasma gondii* surface antigen 2B SAG2 (AA: 1-130) recombinant protein. (Expected MW is 39.3 kDa)



Western Blot: *Toxoplasma gondii* SAG2 Antibody (1D12B8) [NBP2-61907] - Analysis using SAG2 mouse mAb against SW480 (1), A431 (2), and K562 (3) cell lysate.



ELISA: *Toxoplasma gondii* SAG2 Antibody (1D12B8) [NBP2-61907] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)





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### **Products Related to NBP2-61907**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1)                        |

### **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.

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