

# Product Datasheet

## **4-1BB/TNFRSF9/CD137 Antibody (4B4-1-1) [Alexa Fluor® 350] NBP3-12029AF350**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-12029AF350****4-1BB/TNFRSF9/CD137 Antibody (4B4-1-1) [Alexa Fluor® 350]**

| Product Information |                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------|
| Unit Size           | 0.1 ml                                                                                      |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.                                                                    |
| Clonality           | Monoclonal                                                                                  |
| Clone               | 4B4-1-1                                                                                     |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG Kappa                                                                                   |
| Conjugate           | Alexa Fluor 350                                                                             |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene ID                 | 3604                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Symbol             | TNFRSF9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Species                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity/Sensitivity | This antibody binds to the human 4-1BB/TNFRSF9/CD137, which is expressed on the surface of activated T cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen               | The original antibody was generated by immunizing BALB/c mice with a fusion protein of human 4-1BB/TNFRSF9/CD137 antigen and glutathione s transferase (GST).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Product Application Details |                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |



|                              |                                                                                                   |
|------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Recommended Dilutions</b> | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined.                            |





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### **Products Related to NBP3-12029AF350**

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|                |                                               |
|----------------|-----------------------------------------------|
| NBP2-34958-5ug | Recombinant Human 4-1BB/TNFRSF9/CD137 Protein |
| 210-TA-005     | TNF-alpha [Unconjugated]                      |
| 937-4B-050     | 4-1BB/TNFRSF9/CD137                           |
| D6050          | IL-6 [HRP]                                    |

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### **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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