

Product Datasheet

B7-1/CD80 Antibody (IDEC-114 (Galiximab)) [Alexa Fluor® 594]

NBP2-81100AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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B7-1/CD80 Antibody (IDEC-114 (Galiximab)) [Alexa Fluor® 594]

| 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 | IDEC-114 (Galiximab) |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG Lambda |
| Conjugate | Alexa Fluor 594 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Rabbit |
| Gene ID | 941 |
| Gene Symbol | CD80 |
| Species | Human |
| Specificity/Sensitivity | Galiximab is a primatized mAb which consists of human constant and primate (cynomolgus macaque) variable regions and binds specifically to B7-1/CD80. B7-1/CD80 is a surface glycoprotein and a member of the B7 family of costimulatory molecules. B7-1/CD80 antigen regulates T cell activation (through interacting with CD28 or CD152) and is expressed transiently in antigen-presenting cells, T cells and normal B cells, and expressed constitutively on various subtypes of B-cell lymphomas. |
| Immunogen | Galiximab was prepared by immunizing cynomolgus monkeys with recombinant B7-1/CD80 antigen. The variable regions of the light and heavy chains were then cloned by being incorporated into a cassette vector (N5LG1) containing human constant region genes and subsequently transfected into the Dg44 CHO cell line (Hariharan K, 2013) |

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| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, ELISA, Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Block/Neutralize |
| Recommended Dilutions | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Functional, Block/Neutralize |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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Products Related to NBP2-81100AF594

| | |
|----------------|-------------------------------------|
| NBP2-26578 | Recombinant Mouse B7-1/CD80 Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 740-B1-100 | B7-1/CD80 [Unconjugated] |
| 6507-IL-010/CF | IL-4 [Unconjugated] |

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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