

# Product Datasheet

## **B7-1/CD80 Antibody (IDEC-114 (Galiximab)) [mFluor Violet 450 SE]** **NBP2-81099MFV450**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-81099MFV450**

B7-1/CD80 Antibody (IDEC-114 (Galiximab)) [mFluor Violet 450 SE]

| 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                     | IgG1 Lambda  |
| Conjugate                   | mFluor Violet 450 SE   |
| Purity                      | Protein A purified   |
| Buffer                      | 50mM Sodium Borate   |
| Product Description         |  |
| Host                        | Human  |
| 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)   |
| Product Application Details |  |
| Applications                | Western Blot, ELISA, Flow Cytometry, Functional, Immunohistochemistry, Immunoprecipitation, Block/Neutralize   |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunoprecipitation, Functional, Block/Neutralize   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |



## Images

B7-1/CD80 Antibody (IDEC-114 (Galiximab)) [mFluor Violet 450 SE] [NBP2-81099MFV450] - Vial of mFluor Violet 450 conjugated antibody. mFluor Violet 450 is optimally excited at 406 nm by the Violet laser (405 nm) and has an emission maximum of 445 nm.





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### **Products Related to NBP2-81099MFV450**

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|             |                                     |
|-------------|-------------------------------------|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| NBP2-26578  | Recombinant Mouse B7-1/CD80 Protein |
| 210-TA-005  | TNF-alpha [Unconjugated]            |
| 740-B1-100  | B7-1/CD80 [Unconjugated]            |

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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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