

Product Datasheet

B7-1/CD80 Antibody (IDEC-114 (Galiximab)) [Alexa Fluor® 532] NBP2-81099AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-81099AF532

B7-1/CD80 Antibody (IDEC-114 (Galiximab)) [Alexa Fluor® 532]

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	Alexa Fluor 532
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)



Notes

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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)) [Alexa Fluor® 532] [NBP2-81099AF532] - Vial of Alexa Fluor 532 conjugated antibody. Alexa Fluor 532 is optimally excited at 532 nm by the Yellow-Green laser (561 nm) and has an emission maximum of 554 nm.





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Products Related to NBP2-81099AF532

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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