

## Product datasheet for **TA386089**

### **B7-1 (CD80) Human Monoclonal Antibody [Clone ID: IDEC-114 (Galiximab)]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	IDEC-114 (Galiximab)
<b>Applications:</b>	BI, ELISA, FC, IHC, IP, WB
<b>Reactivity:</b>	Human
<b>Host:</b>	Human
<b>Isotype:</b>	IgG1, lambda
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Galiximab was prepared by immunizing cynomolgus monkeys with recombinant 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)
<b>Specificity:</b>	<p>Galiximab is a primatized mAb which consists of human constant and primate (cynomolgus macaque) variable regions and binds specifically to CD80. CD80 is a surface glycoprotein and a member of the B7 family of costimulatory molecules. 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.</p> <p>Galiximab acts to decrease in cell proliferation, inhibition of the constitutively active NF-<math>\kappa</math>B pathway, increase in apoptosis and ADCC against various B-cell lymphoma cell lines. Galiximab affects CD28 and CD152 interactions with CD80. This antibody can also be used for FC, WB, ELISA, IP and IHC.</p>
<b>Formulation:</b>	PBS with 0.02% Proclin 300.
<b>Concentration:</b>	lot specific
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
<b>Stability:</b>	3 years from dispatch.
<b>Gene Name:</b>	CD80 molecule



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Database Link: [Entrez Gene 941 Human P33681](#)

Synonyms: B7; BB1; CD28LG; CD28LG1; LAB7