Anti-CD80 [IDEC-114 (Galiximab)] Standard Size Ab00736-10.0

Recombinant monoclonal antibody to CD80. Manufactured using AbAb’s Recombinant Platform with variable regions (i.e. specificity) from the therapeutic antibody IDEC-114 (Galiximab).

**Isotype and Format**: Human IgG1, Lambda  
**Clone Number**: IDEC-114 (Galiximab)  
**Alternative Name(s) of Target**: B7-1; T-lymphocyte activation antigen CD80; Activation B7-1 antigen; B7B1; CTLA-4 counter-receptor B7.1; B7  
**UniProt Accession Number of Target Protein**: P33681  
**Published Application(s)**: IP, modulate, WB, Block, ELISA, FC, IHC  
**Published Species Reactivity**: Human  
**Immunogen**: 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)  
**Specificity**: 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.  
**Application Notes**: Galiximab acts to decrease in cell proliferation, inhibition of the constitutively active NF-kB 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.  
**Note on publication**: Describes clinical studies where B-Cell Lymphomas in NHL patients are targeted with Galiximab.

**Product Form**

**Size**: 200 μg Purified antibody.  
**Purification**:

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[https://absoluteantibody.com/product/anti-cd80-idec-114-galiximab/Ab00736-10.0_Human_IgG1/standard](https://absoluteantibody.com/product/anti-cd80-idec-114-galiximab/Ab00736-10.0_Human_IgG1/standard)
Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.