Anti-CD80 [IDEC-114 (Galiximab)] Standard size

**Description:** 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)

**UniProt Accession Number of Target Protein:**

**Published Application(s):** block; modulate; FC; WB; ELISA; IP; 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.


**Product Form**

This is a Standard size product. Purified antibody.

**Purification:** 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:** See vial label

**Product Code:** Ab00736-10.0

**Human IgG1**

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