Datasheet for ABIN7072388

Recombinant anti-CD80 (Galiximab Biosimilar) antibody

1 Image

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Overview

Quantity:	200 µg
Target:	CD80 (Galiximab Biosimilar)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CD80 (Galiximab Biosimilar) antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (IHC), Flow Cytometry (FACS), ELISA, Blocking Reagent (BR)

Product Details

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)
Clone:	IDEC-114
Isotype:	IgG lambda
Characteristics:	Original Species of Ab: Human Original Format of Ab: IgG1
Purification:	Purified antibody.

Target Details

Target:	CD80 (Galiximab Biosimilar)
Target Type:	Biosimilar
Background:	B7-1, T-lymphocyte activation antigen CD80, Activation B7-1 antigen, BB1, CTLA-4 counter-receptor B7.1, B7
UniProt:	P33681

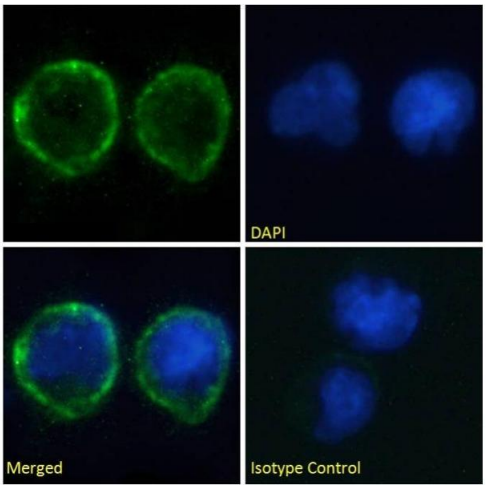
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Restrictions:	For Research Use only

Handling

Buffer:	PBS with 0.02 % Proclin 300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of fixed Daudi cells with anti-CD80 antibody IDEC-114 (Galiximab). Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix™ coverslips, permeabilized with 0.15 % Triton and stained with the chimeric rabbit IgG version of IDEC-114 (Galiximab) (ABIN7072388) at 10 µg/mL for 1h followed by Alexa Fluor®488 secondary antibody (1 µg/mL), showing membrane staining. The nuclear stain is DAPI

(blue). Panels show from left-right, top-bottom ABIN7072388, DAPI, merged channels and an isotype control. The isotype control was stained with an anti-Fluorescein antibody followed by Alexa Fluor®488 secondary antibody.