antibodies.com

Datasheet for ABIN7092910 anti-CD80 antibody (AA 35-242)

2 Images



Overview

Quantity:	100 µg
Target:	CD80
Binding Specificity:	AA 35-242
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD80 antibody is un-conjugated
Application:	Flow Cytometry (FACS), ELISA

Product Details

Immunogen:	Recombinant human B7-1 (Val35-Asn242) (ABIN6961158) produced by using human HEK293 cells
Clone:	DM109
Isotype:	lgG
Purification:	Purified from cell culture supernatant by affinity chromatography

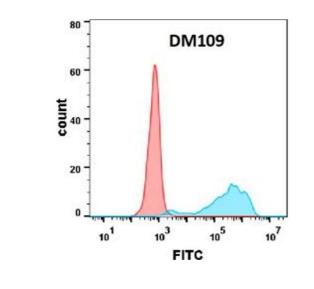
Target Details

Target:	CD80
Alternative Name:	B7-1 (CD80 Products)
Background:	Synonyms:CD80,B7,B7-1,B7.1,BB1,CD28LG,CD28LG1,LAB7

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7092910 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

	Description:The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy.
Molecular Weight:	50.0 kDa
Gene ID:	941
UniProt:	P33681
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Positive Regulation of Immune Effector Process, Cancer Immune Checkpoints
Application Details	
Application Notes:	ELISA 1/5000-10000,Flow Cyt 1/100
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Reconstitute with deionized water
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.,0.1 % Procline 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN7092910 | 09/09/2023 | Copyright antibodies-online. All rights reserved.



Flow Cytometry

Image 1. Flow cytometry analysis with Anti-B7-1 (DM109) on Expi293 cells transfected with human B7-1 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

ELISA

Image 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human B7-1 protein, hFc tagged protein ((ABIN6961158, ABIN7042345 and ABIN7042346)) can bind Rabbit anti-B7-1 monoclonal antibody(clone: DM109) in a linear range of 0.6-80 ng/mL.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7092910 | 09/09/2023 | Copyright antibodies-online. All rights reserved.