

Datasheet for ABIN1112260
CD86 (human): 293T Lysate[Go to Product page](#)**1** Image**6** Publications

Overview

Quantity:	100 µg
Target:	CD86
Species of Lysate:	Human Cells
Application:	Western Blotting (WB)

Product Details

Characteristics:	Cluster of Differentiation 86 (also known as CD86 and B7-2) is a protein expressed on antigen-presenting cells that provides costimulatory signals necessary for T cell activation and survival. It is the ligand for two different proteins on the T cell surface: CD28 (for autoregulation and intercellular association) and CTLA-4 (for attenuation of regulation and cellular disassociation). CD86 works in tandem with CD80 to prime T cells. The CD86 gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. Alternative splicing results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined. CD86+ macrophages in Hodgkin lymphoma patients are an independent marker for potential nonresponse to firstline-therapy. Lysate of human CD86 transfected 293T cells
Lysate Fraction:	Whole Cell Lysate
Lysate Type:	Overexpression Lysate
Lysed Cells:	HEK 293T Cells

Target Details

Target:	CD86
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Target Details

Alternative Name: CD86 ([CD86 Products](#))

Application Details

Application Notes: CD86 (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive CD86 antibodies. Recommended use: 10-20 µl per lane. Control 293T Lysate: H86LYS is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

Restrictions: For Research Use only

Handling

Handling Advice: Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

Storage: -20 °C

Publications

Product cited in: Park, Tait, Kawasaki, Rowley, Mackay: "Closer association of IA-2 humoral autoreactivity with HLA DR3/4 than DQB1*0201/*0302 in Korean T1D patients." in: **Annals of the New York Academy of Sciences**, Vol. 1037, pp. 104-9, (2005) ([PubMed](#)).

Iwama, Ikezaki, Kikuoka, Kim, Matsuoka, Yanagawa, Sato, Hoshi, Sakamaki, Sugihara: "Association of HLA-DR, -DQ genotype and CTLA-4 gene polymorphism with Graves' disease in Japanese children." in: **Hormone research**, Vol. 63, Issue 2, pp. 55-60, (2005) ([PubMed](#)).

Arnold, Pei, Spriewald, Wassmuth: "Anti-HLA class II antibodies in kidney retransplant patients." in: **Tissue antigens**, Vol. 65, Issue 4, pp. 370-8, (2005) ([PubMed](#)).

Spriewald, Witzke, Wassmuth, Wenzel, Arnold, Philipp, Kalden: "Distinct tumour necrosis factor alpha, interferon gamma, interleukin 10, and cytotoxic T cell antigen 4 gene polymorphisms in disease occurrence and end stage renal disease in Wegener's granulomatosis." in: **Annals of the rheumatic diseases**, Vol. 64, Issue 3, pp. 457-61, (2005) ([PubMed](#)).

Quintero, Pizarro, Rodrigo, Piqué, Lanas, Ponce, Miño, Gisbert, Jurado, Herrero, Jiménez, Torrado, Ponte, Díaz-de-Rojas, Salido: "Association of Helicobacter pylori-related distal gastric cancer with the HLA class II gene DQB10602 and cagA strains in a southern European population." in: **Helicobacter**, Vol. 10, Issue 1, pp. 12-21, (2005) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

Images

