

Product datasheet

HLA-DP overexpression 293T lysate (whole cell) ab94190

2 Images

Overview

Product name	HLA-DP overexpression 293T lysate (whole cell)
General notes	ab94190 is a 293T cell transfected lysate in which Human HLA DP has been transiently over-expressed using a pCMV-HLS DP plasmid. The lysate is provided in 1X Sample Buffer. Note: For more details about how the transfected lysate was prepared view the preparation notes .
Tested applications	Suitable for: WB

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	HLA-DPA1 belongs to the HLA class II alpha chain paralogues. This class II molecule is a heterodimer consisting of an alpha (DPA) and a beta (DPB) chain, both anchored in the membrane. It plays a vital role in the immune system by presenting peptides derived from extracellular proteins. Class II molecules are expressed in antigen presenting cells (B lymphocytes, dendritic cells and macrophages). Within the DP molecule the alpha and beta chain contain the polymorphisms governing the peptide binding specificities, resulting in up to 4 different molecules.

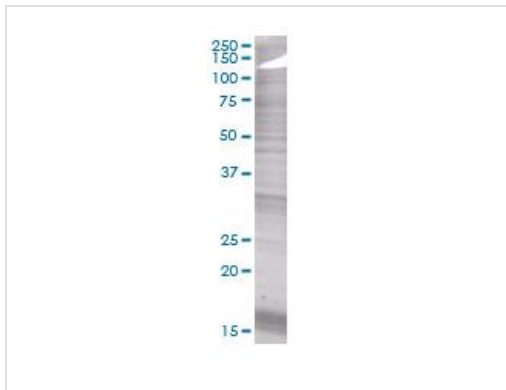
Applications

Our [Abpromise guarantee](#) covers the use of **ab94190** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

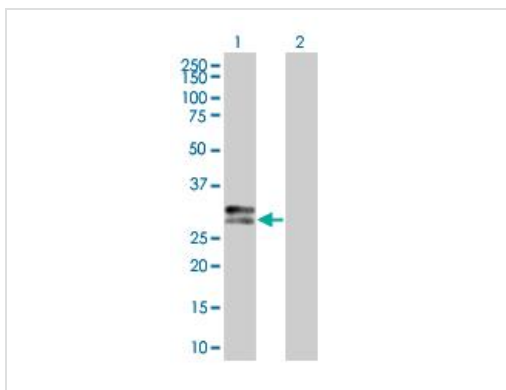
Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



SDS-PAGE - HLA-DP overexpression 293T lysate
(whole cell) (ab94190)

ab94190 at 15 µg/lane on an SDS-PAGE gel



Western blot - HLA-DP overexpression 293T lysate
(whole cell) (ab94190)

All lanes : Anti-HLA-DP antibody (ab88089) at 1/500 dilution

Lane 1 : HLA-DP overexpression 293T lysate (whole cell)
(ab94190)

Lane 2 : 293T non-transfected Lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at
1/2500 dilution

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