


Product datasheet

Anti-CD86 antibody ab112490

3 References 1 Image

Overview

Product name	Anti-CD86 antibody
Description	Rabbit polyclonal to CD86
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse Predicted to work with: Rat 
Immunogen	Synthetic peptide corresponding to a sequence at the N-terminal of Mouse CD86.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservatives: 0.025% Thimerosal (merthiolate), 0.025% Sodium azide Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab112490** in the following tested applications.

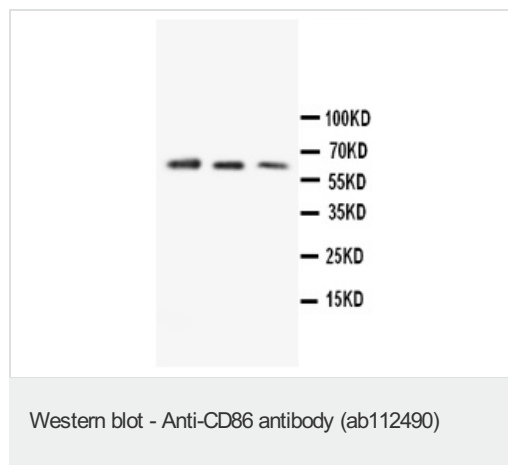
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 35 kDa. The detection limit for CD86 is approximately 2.5ng/lane under non-reducing and reducing conditions.

Target

Function	Receptor involved in the costimulatory signal essential for T-lymphocyte proliferation and interleukin-2 production, by binding CD28 or CTLA-4. May play a critical role in the early events of T-cell activation and costimulation of naive T-cells, such as deciding between immunity and anergy that is made by T-cells within 24 hours after activation. Isoform 2 interferes with the formation of CD86 clusters, and thus acts as a negative regulator of T-cell activation.
Tissue specificity	Expressed by activated B-lymphocytes and monocytes.
Sequence similarities	Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
Post-translational modifications	Polyubiquitinated; which is promoted by MARCH8 and results in endocytosis and lysosomal degradation.
Cellular localization	Membrane.

Images



All lanes : Anti-CD86 antibody (ab112490)

Lane 1 : Recombinant Mouse CD86 protein at 0.01 μg

Lane 2 : Recombinant Mouse CD86 protein at 0.005 μg

Lane 3 : Recombinant Mouse CD86 protein at 0.0025 μg

Predicted band size: 35 kDa

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