

## CD86 Polyclonal Antibody

Catalog: BS65646

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.[provided by RefSeq, May 2011].

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 65-70 kDa

### Swiss-Prot:

P42081

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:100-1:500

IF/ICC: 1:50-1:200

IP: 1:50-1:200

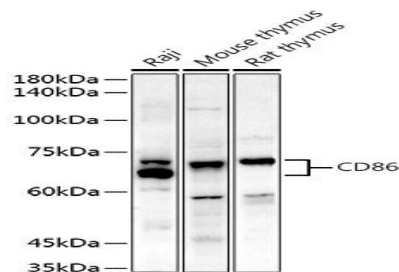
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

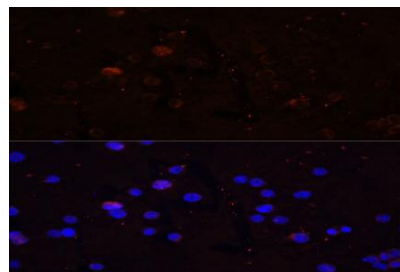
### Specificity:

CD86 Polyclonal Antibody detects endogenous levels of CD86 protein.

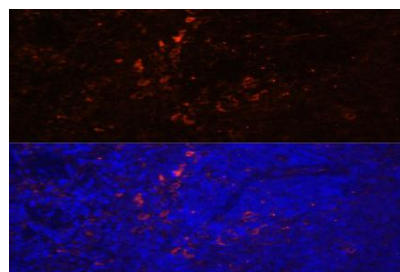
### DATA:



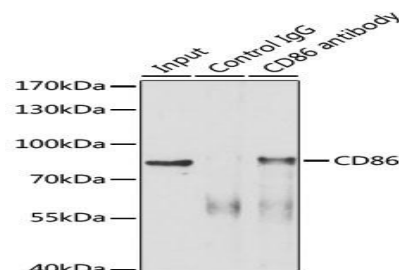
Western blot analysis of extracts of various cell lines, using CD86 antibody at 1:500 dilution.



Immunofluorescence analysis of THP-1 cells using CD86 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of rat spleen using CD86 Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunoprecipitation analysis of 200 µg extracts of Jurkat cells using 3 µg CD86 antibody. Western blot was performed from the immunopre-

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## PRODUCT DATA SHEET

Bioworld Biotech Co., Ltd

precipitate using CD86 antibody at a dilution of 1:1000.

For research use only, not for use in diagnostic procedure.

**Note:**

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