

## Mouse Monoclonal Antibody **CD86** conjugated to Sepharose Beads

CatalogNo: **ANT8023-M**

Size 200ul

Storage Store at 4 °C for frequent use

### Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified beads. It is useful for immunoprecipitation.

### **CD86 (ANT0048R) Rabbit mAb**

Formulation: Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg ANa<sub>3</sub>.

#### Host Species

- Rabbit

#### Reactivity

- Mouse,

#### Applications

- WB,IHC,IF,IP,ELISA

#### MW

- 60-80kD (Calculated)

#### Isotype

- IgG,Kappa

## Recommended Dilution Ratios

IP

## Basic Information

**Clonality** Monoclonal

**Clone Number** ANT0048R

## Immunogen Information

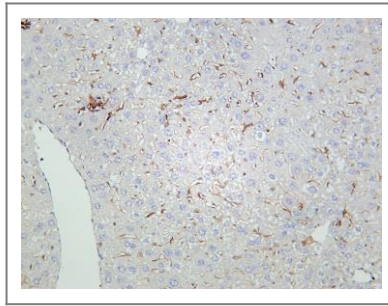
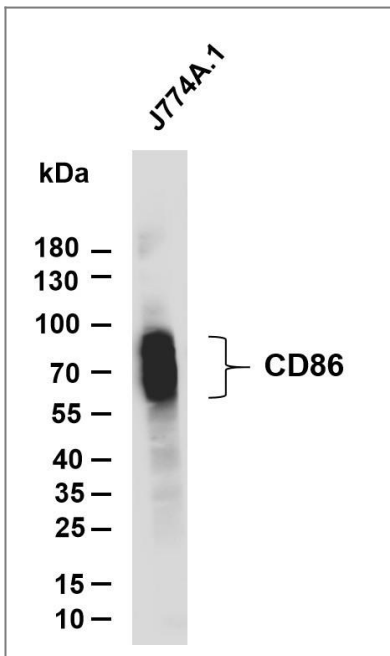
**Specificity** Endogenous

## Target Information

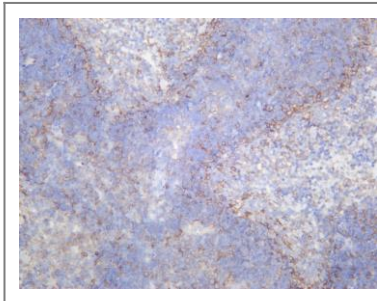
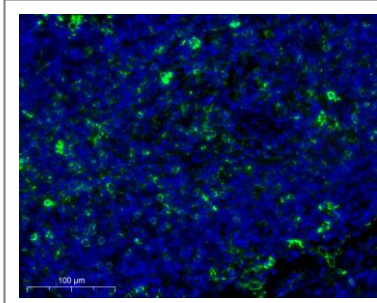
Gene name CD86 CD28LG2  
Protein Name CD86

	Organism	Gene ID	UniProt ID
	Human	<a href="#">942;</a>	<a href="#">P42081;</a>
	Mouse	<a href="#">12524;</a>	<a href="#">P42082;</a>
Cellular Localization	Membranous		
Function	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.,online information:CD86 entry,ANTM:Polyubiquitinated; which is promoted by MARCH8 and results in endocytosis and lysosomal degradation.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with MARCH8. Interacts with human herpesvirus 8 MIR2 protein (Probable). Interacts with adenovirus subgroup B fiber proteins and acts as a receptor for these viruses.,tissue specificity:Expressed by activated B-lymphocytes and monocytes.,		

## Validation Data



Mouse liver tissue was stained with Anti-CD86 (ANT0048R) rabbit Antibody. Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-CD86 (ANT0048R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: J774A.1 Predicted band size: 35kDa Observed band size: 60-85kDa



Immunofluorescence analysis of paraffin-embedded Mouse spleen. Primary Antibody was diluted at 1:200(4° overnight). an Multi colour-Fluorescence kit (RS0035, Immunoway). EDTA based antigen retrieval was used before Green tyramide signal amplification. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (3D histech).

Mouse spleen was stained with anti-CD86 (ANT0048R) rabbit antibody