



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

CatalogNo: **ANT8023-S**

Size 200ul

Storage Store at 4 °C for frequent use

Description

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays.

CD86 (ANT0048R) Rabbit mAb

Formulation: 50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

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

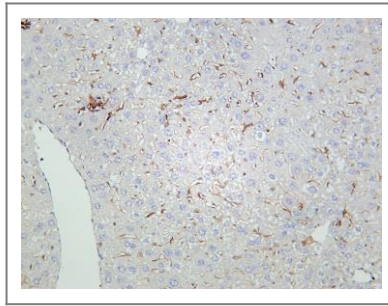
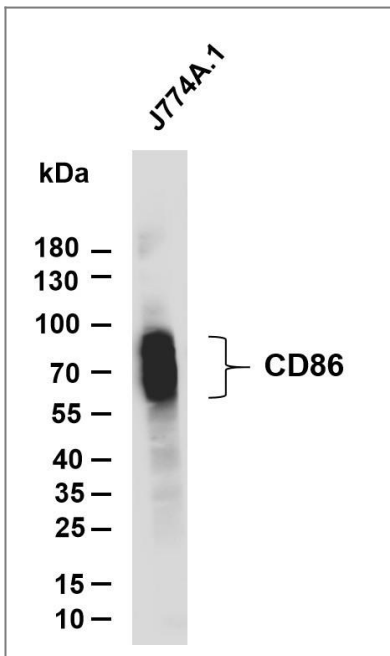
Specificity Endogenous

Target Information

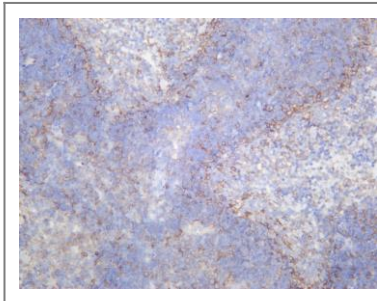
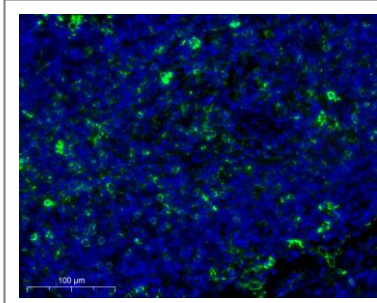
Gene name CD86 CD28LG2
Protein Name CD86

	Organism	Gene ID	UniProt ID
Cellular Localization	Human	942;	P42081;
	Mouse	12524;	P42082;
	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