

CD86 Rabbit mAb

Catalog No.: A29061 **Recombinant**

Basic Information

Observed MW

60-85 kDa

Calculated MW

34 kDa/35 kDa

Category

Primary antibody

Applications

WB,IF-F,IHC-P,ELISA

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC83207

Background

Predicted to enable receptor ligand activity. Involved in several processes, including positive regulation of immunoglobulin production; positive regulation of non-canonical NF-kappaB signal transduction; and toll-like receptor 3 signaling pathway. Acts upstream of or within several processes, including cellular response to lipopolysaccharide; positive regulation of T cell proliferation; and toll-like receptor signaling pathway. Located in external side of plasma membrane and intracellular membrane-bounded organelle. Is expressed in central nervous system; mandible; and retina. Used to study Guillain-Barre syndrome. Human ortholog(s) of this gene implicated in several diseases, including IgA vasculitis; autoimmune disease (multiple); chronic lymphocytic leukemia; chronic obstructive pulmonary disease; and systemic sclerosis. Orthologous to human CD86 (CD86 molecule).

Recommended Dilutions

WB 1:5000 - 1:100000**IF-F** 1:100 - 1:200**IHC-P** 1:1500 - 1:6000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn

Immunogen Information

Gene ID

12524

Swiss Prot

P42082

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

B7; B70; MB7; B7-2; B7.2; CLS1; Ly58; ETC-1; Ly-58; MB7-2; Cd28l2; TS/A-2;

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

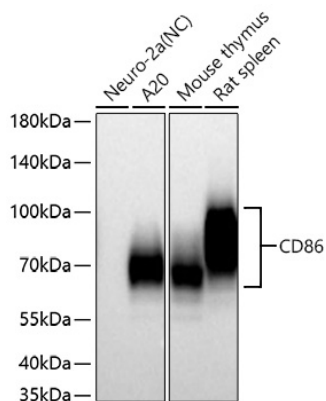
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

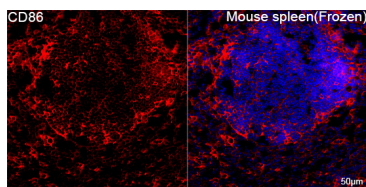


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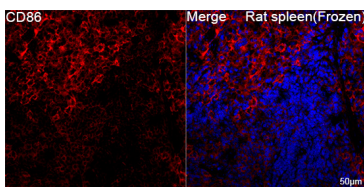
Validation Data



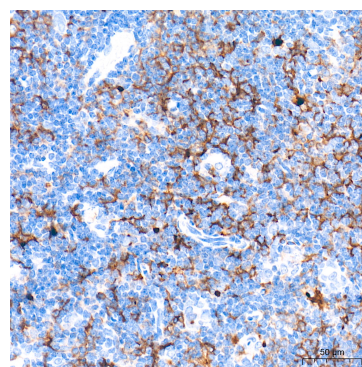
Western blot analysis of various lysates using CD86 Rabbit mAb (A29061) at 1:5000 dilution incubated overnight at 4°C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Negative control (NC): Neuro-2a.
 Exposure time: 45 s.



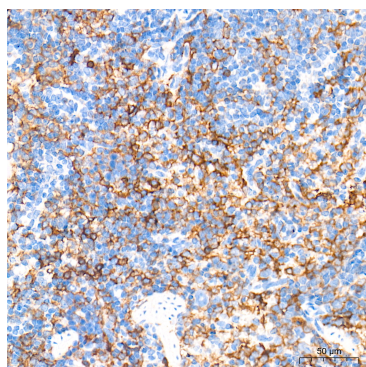
Confocal imaging of frozen sections of Mouse spleen tissue using CD86 Rabbit mAb (A29061, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



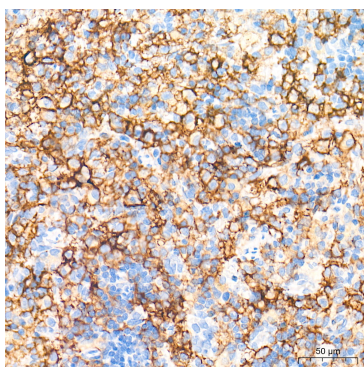
Confocal imaging of frozen sections of Rat spleen tissue using CD86 Rabbit mAb (A29061, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



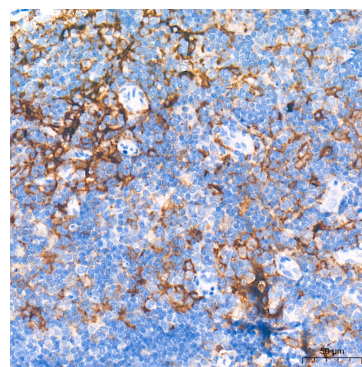
Immunohistochemistry analysis of paraffin-embedded Mouse thymus tissue using CD86 Rabbit mAb (A29061) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using CD86 Rabbit mAb (A29061) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using CD86 Rabbit mAb (A29061) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat thymus tissue using CD86 Rabbit mAb (A29061) at a dilution of 1:5000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.