

CD80 Rabbit mAb

Catalog No.: A23688 **Recombinant** **3 Publications**

Basic Information

Observed MW

50-75 kDa

Calculated MW

34 kDa

Category

Primary antibody

Applications

WB,IF/ICC,IF-P,IHC-P,FC,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC61485

Background

Predicted to enable coreceptor activity. Acts upstream of or within T cell costimulation; cellular response to lipopolysaccharide; and positive regulation of alpha-beta T cell proliferation. Located in external side of plasma membrane. Is expressed in heart ventricle and skin. Human ortholog(s) of this gene implicated in type 1 diabetes mellitus. Orthologous to human CD80 (CD80 molecule).

Recommended Dilutions

WB	1:1000 - 1:3000
IF/ICC	1:100 - 1:200
IF-P	1:100 - 1:200
IHC-P	1:100 - 1:400
FC	1:100 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

Immunogen Information

Gene ID

12519

Swiss Prot

Q00609

Immunogen

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

Synonyms

B71; Ly53; TSA1; Cd28l; Ly-53; MIC17; CD80

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

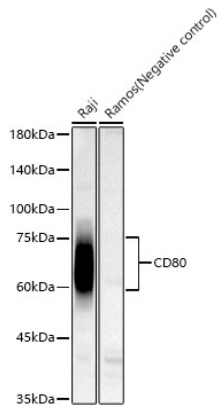
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

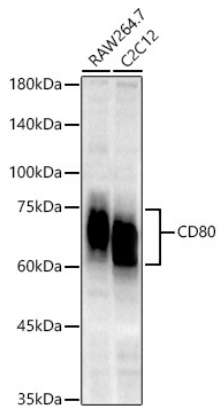


| www.abclonal.com.cn

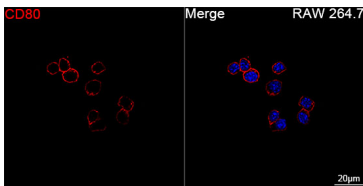
Validation Data



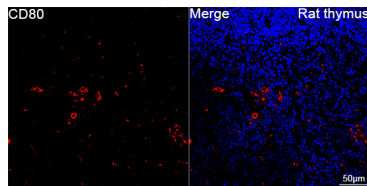
Western blot analysis of various lysates, using CD80 Rabbit mAb (A23688) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.



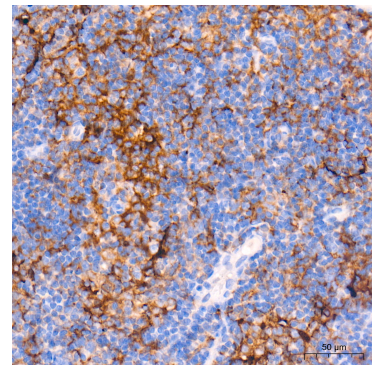
Western blot analysis of various lysates, using CD80 Rabbit mAb (A23688) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



Confocal imaging of RAW 264.7 cells using CD80 Rabbit mAb (A23688, 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). Objective: 100x.

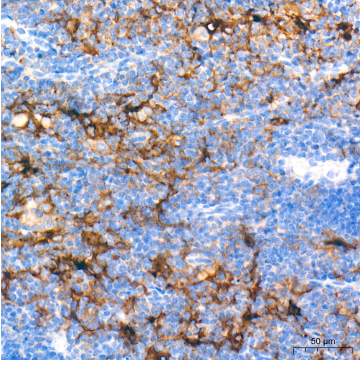


Confocal imaging of paraffin-embedded Rat thymus tissue using CD80 Rabbit mAb (A23688, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunohistochemistry analysis of paraffin-embedded Rat thymus tissue using CD80 Rabbit mAb (A23688) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffin-embedded Mouse thymus tissue using CD80 Rabbit mAb (A23688) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.