

RelB Rabbit mAb

Catalog No.: A29551 **Recombinant**

Basic Information

Observed MW

70 kDa

Calculated MW

62 kDa

Category

Primary antibody

Applications

WB,IP,IF-F,IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC4182

Background

Enables RNA polymerase II cis-regulatory region sequence-specific DNA binding activity and protein kinase binding activity. Involved in lymphocyte differentiation and negative regulation of interferon-beta production. Located in centrosome; chromatin; and nucleoplasm. Part of nucleus and transcription repressor complex. Implicated in breast cancer and immunodeficiency 53. Biomarker of breast cancer and transitional cell carcinoma.

Recommended Dilutions

WB 1:10000 - 1:60000

IP 0.5 µg - 4 µg antibody for
200 µg - 400µg extracts of
whole cells

IF-F 1:5000 - 1:20000

IF-P 1:5000 - 1:20000

IHC-P 1:8000 - 1:32000

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.
For high-ratio antibody
dilutions (≥1:10

Immunogen Information

Gene ID

5971

Swiss Prot

Q01201

Immunogen

This information is considered to be commercially sensitive.

Synonyms

IREL; I-REL; IMD53; REL-B

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C

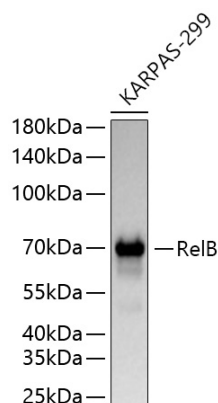
Contact

☎ | 400-999-6126

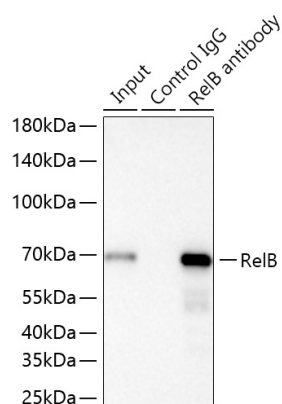
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

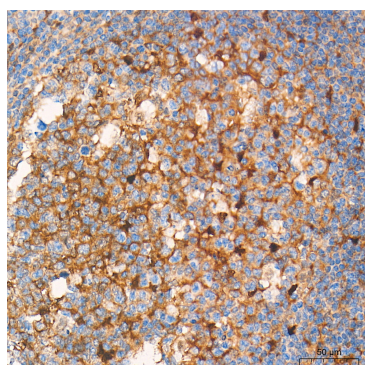
Validation Data



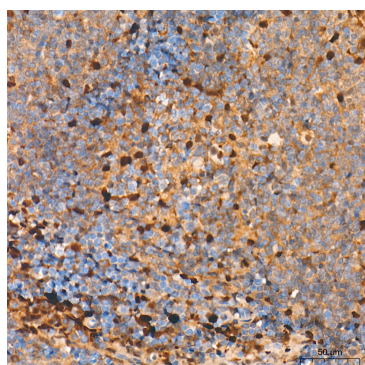
Western blot analysis of lysates from KARPAS-299 cells using RelB Rabbit mAb (A29551) at 1:20000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5 s.



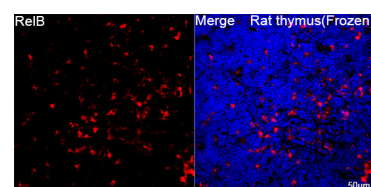
Immunoprecipitation of RelB from 300 µg extracts of Raji cells was performed using 1 µg of RelB Rabbit mAb (A29551). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using RelB Rabbit mAb (A29551) at a dilution of 1:5000.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using RelB Rabbit mAb (A29551) at a dilution of 1:15000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

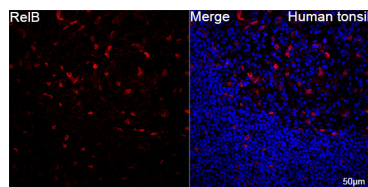


Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using RelB Rabbit mAb (A29551) at a dilution of 1:15000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.

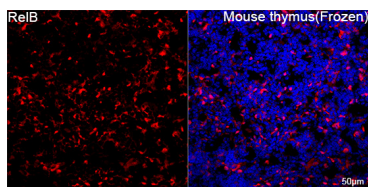


Confocal imaging of frozen sections of Rat thymus tissue using RelB Rabbit mAb (A29551, dilution 1:10000) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Microwave antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.

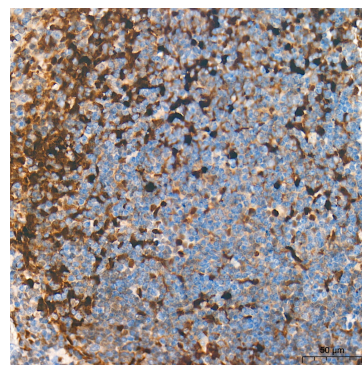
Validation Data



Confocal imaging of paraffin-embedded Human tonsil tissue using RelB Rabbit mAb (A29551, dilution 1:10000) 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.



Confocal imaging of frozen sections of Mouse thymus tissue using RelB Rabbit mAb (A29551, dilution 1:10000) 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 spleen tissue using RelB Rabbit mAb (A29551) at a dilution of 1:15000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.