

PLZF Rabbit mAb

Catalog No.: A21185

Recombinant

3 Publications

Basic Information

Observed MW

80kDa/80kd

Calculated MW

74kDa

Category

Primary antibody

Applications

WB,IP,IF-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC52265

Background

This gene is a member of the Krueppel C2H2-type zinc-finger protein family and encodes a zinc finger transcription factor that contains nine Kruppel-type zinc finger domains at the carboxyl terminus. This protein is located in the nucleus, is involved in cell cycle progression, and interacts with a histone deacetylase. Specific instances of aberrant gene rearrangement at this locus have been associated with acute promyelocytic leukemia (APL). Alternate transcriptional splice variants have been characterized.

Recommended Dilutions

WB 1:2000 - 1:10000

IP 2µg-4µg antibody for
400µg-1000µg extracts
of whole cells

IF-P 1:200 - 1:800

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

Immunogen Information

Gene ID

7704

Swiss Prot

Q05516

Immunogen

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

Synonyms

PLZF; ZNF145

Contact

 | 400-999-6126

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 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

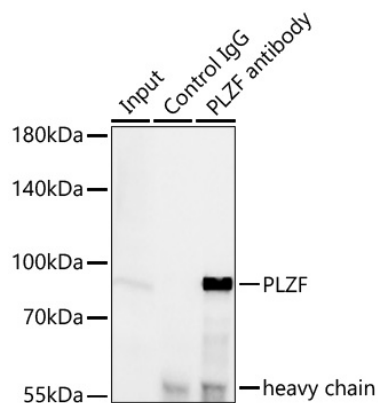
Affinity purification

Storage

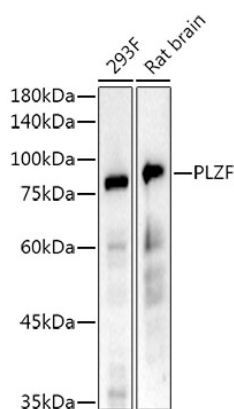
Store at -20°C. Avoid freeze / thaw cycles.

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.

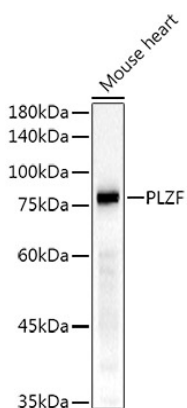
Validation Data



Immunoprecipitation of PLZF from 1000 μ g extracts of Mouse heart was performed using 2 μ g of PLZF Rabbit mAb (A21185). Rabbit IgG isotype control (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using PLZF Rabbit mAb (A21185) at a dilution of 1:15000.

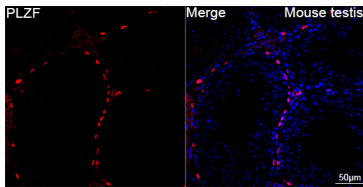


Western blot analysis of various lysates using PLZF Rabbit mAb (A21185) at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

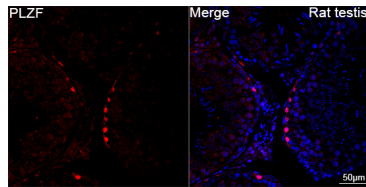


Western blot analysis of lysates from Mouse heart, using PLZF Rabbit mAb (A21185) at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

Validation Data



Confocal imaging of paraffin-embedded Mouse testis tissue using PLZF Rabbit mAb (A21185, dilution 1:200) followed by a further incubation with Cy3 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 paraffin-embedded Rat testis tissue using PLZF Rabbit mAb (A21185, dilution 1:200) followed by a further incubation with Cy3 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.