

Peregrin (2093C5a): sc-81059

BACKGROUND

Peregrin, also called BRPF1 or BR140, is a 1,214 amino acid bromodomain and PHD finger-containing protein. Localized to the nucleus and expressed ubiquitously with the highest levels of expression in testis and spermatogonia, Peregrin is a zinc-finger protein that is thought to be a transcriptional activator. Peregrin contains one C-terminal PWWP domain and, because of its similarity with transcriptional co-activators such as TAF II p250, is thought to be a DNA-binding protein. The gene encoding Peregrin is disrupted in myeloid leukemia, suggesting a possible role in carcinogenesis. Due to alternative splicing, two isoforms of the Peregrin protein exist.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: BRPF1 (human) mapping to 3p25.3.

SOURCE

Peregrin (2093C5a) is a mouse monoclonal antibody raised against a recombinant protein corresponding to a region near the C-terminus of Peregrin of human origin.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 1.0% stabilizer protein.

APPLICATIONS

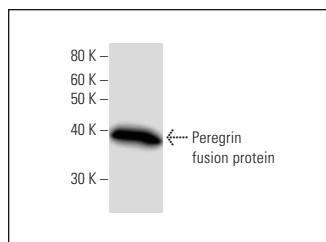
Peregrin (2093C5a) is recommended for detection of Peregrin of human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)].

Suitable for use as control antibody for Peregrin siRNA (h): sc-78127, Peregrin shRNA Plasmid (h): sc-78127-SH and Peregrin shRNA (h) Lentiviral Particles: sc-78127-V.

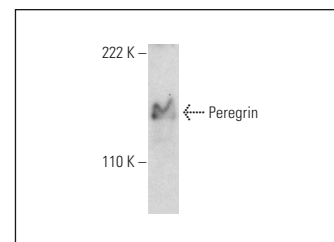
Molecular Weight of Peregrin: 150 kDa.

Positive Controls: NTERA-2 cl.D1 whole cell lysate: sc-364181.

DATA



Peregrin (2093C5a): sc-81059 Western Blot analysis of human recombinant Peregrin fusion protein.



Peregrin (2093C5a): sc-81059. Western blot analysis of Peregrin expression in NTERA-2 cl.D1 whole cell lysate.

SELECT PRODUCT CITATIONS

- Alberto-Aguilar, D.R., Hernández-Ramírez, V.I., Osorio-Trujillo, J.C., Gallardo-Rincón, D., Toledo-Leyva, A. and Talamás-Rohana, P. 2019. Ascites from ovarian cancer induces novel fucosylated proteins. *Cancer Microenviron.* 12: 181-195.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.