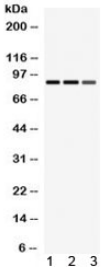
MEFV Antibody / Marenostrin / Pyrin (R31814)

Catalog No.	Formulation	Size
R31814	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	O15553
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This MEFV antibody is available for research use only.



Western blot testing of 1) rat spleen, 2) rat lung, 3) mouse HEPA lysate with MEFV antibody. Expected/observed molecular weight ~86 kDa.

Description

MEFV (Mediterranean fever) is a human gene that provides instructions for making a protein called pyrin (also known as marenostrin). Pyrin is produced in certain white blood cells (neutrophils, eosinophils and monocytes) that play a role in inflammation and in fighting infection. Inside these white blood cells, pyrin is found with thecytoskeleton, the structural framework that helps to define the shape, size, and movement of a cell. Pyrin's protein structure also allows it to interact with other molecules involved in fighting infection and in the inflammatory response. Although pyrin's function is not fully understood, it likely assists in keeping the inflammation process under control. Research indicates that pyrin helps regulate inflammation by interacting with the cytoskeleton. And Pyrin may direct the migration of white blood cells to sites

of inflammation and stop or slow the inflammatory response when it is no longer needed.

Application Notes

Optimal dilution of the MEFV antibody should be determined by the researcher.

Immunogen

Amino acids PSDHLLSTLEELVPYDFEKFKFKLQNTSVQKEHSR of human MEFV were used as the immunogen for the MEFV antibody.

Storage

After reconstitution, the MEFV antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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