

Anti-Profilin 4 and 5 (PRF4, PRF5) [mAbPRF45a]

Catalogue number: 153914

Sub-type: Primary antibody

Images:

Contributor

Inventor: Richard Meager

Institute: University of Georgia

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Profilin 4 and 5 (PRF4, PRF5) [mAbPRF45a]

Alternate name: PRF4 and PRF5

Class: Monoclonal

Conjugate: Unconjugated

Description: Profilin is a low-molecular weight, actin monomer-binding protein that regulates the organization of actin cytoskeleton in eukaryotes. Profilin promotes actin assembly at the barbed end of filaments and causes depolymerization of filaments by binding and sequestering G-actin. Profilin also interacts with several other ligands, such as membrane polyphospho-inositides, short proline rich stretches in proteins, and the Arp 2/3 complex.

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Arabidopsis

Selectivity:

Host: Mouse

Immunogen: Purified plant Profilin 4

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Profilin 4 and 5

Target alternate names:

Target background: Profilin is a low-molecular weight, actin monomer-binding protein that regulates the organization of actin cytoskeleton in eukaryotes. Profilin promotes actin assembly at the barbed end of filaments and causes depolymerization of filaments by binding and sequestering G-actin. Profilin also interacts with several other ligands, such as membrane polyphospho-inositides, short proline rich stretches in proteins, and the Arp 2/3 complex.

Molecular weight:

Ic50:

Applications

Application: WB ; IF

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Kandasamy et al. 2002. Cell Motil Cytoskeleton. 52(1):22-32. PMID: 11977080. ; Plant profilin isoforms are distinctly regulated in vegetative and reproductive tissues.

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