Anti-Profilin 1 Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

Catalog # M016268

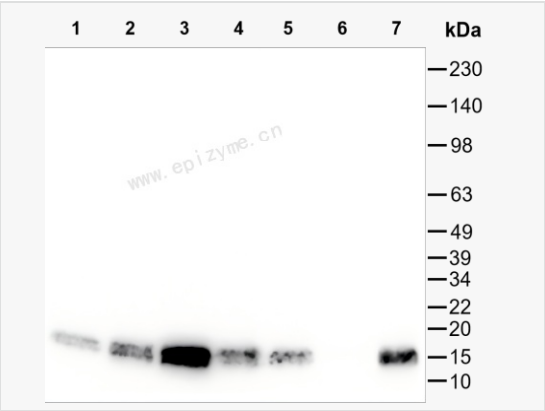
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Mouse
Clonality	Monoclonal
Clone No.	99F88C93
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein corresponding to Human Profilin 1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Profilin 1 Mouse mAb [99F88C93] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Actin binding protein; ALS18; Epididymis tissue protein Li 184a; Pfn; PFN 1; PFN1; PROF1_HUMAN; Profilin I; Profilin-1; Profilin1; ProfilinI.
Calculated MW	Calculated MW: 15 kDa; Observed MW: 15 kDa
Uniprot ID	P07737
Gene ID	5216
Background	This gene encodes a member of the profilin family of small actin-binding proteins. The encoded protein plays an important role in actin dynamics by regulating actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome, and the encoded protein may also play a role in Huntington disease. Multiple pseudogenes of this gene are located on chromosome 1. [provided by RefSeq, Jul 2012]
Cellular Location	Cytoplasm, cytoskeleton.
Tissue Location	Expressed in epididymis (at protein level).

Validation Images



Western Blot - Anti-Profilin 1 Mouse mAb [99F88C93]
All lanes: M016268 at 1:2,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: Hel (Human erythroLeukemia suspension cell) whole cell lysates
Lane 4: Ball-1 (Human B lymphocyte acute leukemia cell) whole cell lysates
Lane 5: K562(Human chronic myeloid leukemia cell) whole cell lysates
Lane 6: THP-1(Human monocytic leukemia cell) whole cell lysates
Lane 7: U87(Human malignant glioblastoma epithelial cell) whole cell lysates
Secondary antibody: Goat Anti-Mouse IgG (H+L), HRP Conjugated (Cat. No. LF101) at 1:5,000 dilution
Lysates/proteins at 10 µg per lane.
Predicted band size: 15 kDa
Observed band size: 15 kDa
Developed using the ECL technique (Cat. No. SQ201).