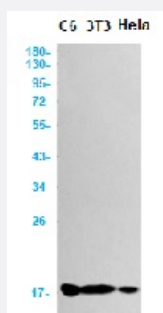


RecomAb™

PFN1 recombinant monoclonal antibody, clone R06-6H7

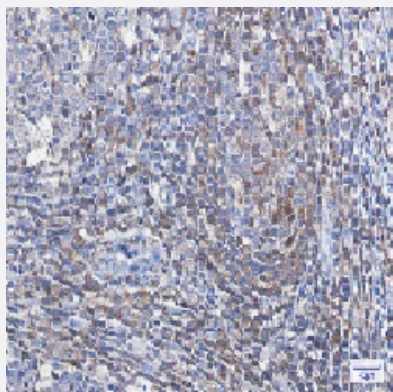
Catalog # RAB01694 Size 100 uL

Applications



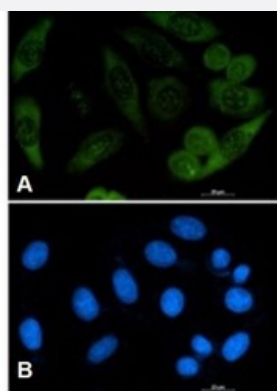
Western Blot

Western blot analysis of Profilin 1 in C6, 3T3, HeLa lysates using human Profilin 1 recombinant monoclonal antibody, clone R06-6H7 (Cat # RAB01694).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human tonsil with Profilin 1 recombinant monoclonal antibody, clone R06-6H7 (Cat # RAB01694).



Immunocytochemistry

Immunocytochemical staining of A549 with Profilin 1 recombinant monoclonal antibody, clone R06-6H7 (Cat # RAB01694). (A) Profilin 1 (green) and (B) DAPI (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against synthetic peptide of human Profilin 1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human Profilin 1
Theoretical MW (kDa)	Calculated MW: 15 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Profilin 1 in C6, 3T3, Hela lysates using human Profilin 1 recombinant monoclonal antibody, clone R06-6H7 (Cat # RAB01694).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin-fixed paraffin-embedded sections) of Human tonsil with Profilin 1 recombinant monoclonal antibody, clone R06-6H7 (Cat # RAB01694).

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

Immunocytochemical staining of A549 with Profilin 1 recombinant monoclonal antibody, clone R06-6H7 (Cat # RAB01694). (A) Profilin 1 (green) and (B) DAPI (blue).

- Immunoprecipitation

Gene Info — PFN1

Entrez GeneID	5216
Protein Accession#	P07737
Gene Name	PFN1
Gene Alias	-
Gene Description	profilin 1
Omim ID	176610
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. Deletion of this gene is associated with Miller-Dieker syndrome. [provided by RefSeq]
Other Designations	-

Pathway

- [Regulation of actin cytoskeleton](#)