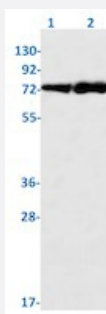


RecomAb™

NF2 recombinant monoclonal antibody, clone R07-1A6

Catalog # RAB02065 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: C6 and Lane 2: Hela lysates with NF2 recombinant monoclonal antibody, clone R07-1A6 (Cat # RAB02065).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NF2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human NF2.
Theoretical MW (kDa)	Calculated MW: 70 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	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 -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 Lane 1: C6 and Lane 2: Hela lysates with NF2 recombinant monoclonal antibody, clone R07-1A6 (Cat # RAB02065).

- Immunoprecipitation

Gene Info — NF2

Entrez GeneID
[4771](#)
Protein Accession#
[P35240](#)
Gene Name

NF2

Gene Alias

ACN, BANF, SCH

Gene Description

neurofibromin 2 (merlin)

Omim ID
[101000](#) [162091](#) [607174](#) [607379](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

This gene encodes a protein that is similar to some members of the ERM (ezrin, radixin, moesin) family of proteins that are thought to link cytoskeletal components with proteins in the cell membrane. This gene product has been shown to interact with cell-surface proteins, proteins involved in cytoskeletal dynamics and proteins involved in regulating ion transport. This gene is expressed at high levels during embryonic development; in adults, significant expression is found in Schwann cells, meningeal cells, lens and nerve. Mutations in this gene are associated with neurofibromatosis type II which is characterized by nervous system and skin tumors and ocular abnormalities. Two predominant isoforms and a number of minor isoforms are produced by alternatively spliced transcripts. [provided by RefSeq]

Other Designations

merlin|moesin-ezrin-radixin like|moesin-ezrin-radixin-like protein|neurofibromin 2|neurofibromin 2 (bilateral acoustic neuroma)|schwannomerlin|schwannomin

Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neoplasms](#)
- [Nervous System Neoplasms](#)
- [Neurofibromatosis](#)
- [Neurofibromatosis 2](#)
- [Neuroma](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Tobacco Use Disorder](#)