



# Rabbit Anti-Human NF2 monoclonal antibody, clone 2I38M5 (CABT-L1494)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Pig, Horse, Mouse
Target	NF2
Immunogen	Protein corresponding to human NF2 [aa331-aa530]
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	2I38M5
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	FC, ICC, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Buffer	PBS, pH 7.4
Preservative	0.09% Sodium Azide
Storage	-20°C, Avoid Freeze/Thaw Cycles

## BACKGROUND

## Introduction

NF2 encodes a protein, Merlin, that is similar to some members of the ERM family of proteins that are thought to link cytoskeletal components with proteins in the cell membrane. Merlin 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.

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## Keywords

NF2;neurofibromin 2  
(merlin);ACN;SCH;BANF;merlin;schwannomin;schwannomerlin;neurofibromin-2;moesin-ezrin-radixin like;moesin-ezrin-radixin-like protein;moesin-ezrin-radixin-like protein;neurofibromin 2 (bilateral acoustic neuroma)

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# GENE INFORMATION

## Entrez Gene ID

[4771](#)

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## UniProt ID

[P35240](#)

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