# antibodies .- online.com







## anti-Merlin antibody (N-Term)





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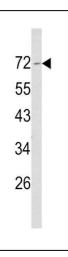
Target:

Quantity:	400 μL
Target:	Merlin (NF2)
Binding Specificity:	AA 65-95, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Merlin antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This Merlin antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 65-95 amino acids from the N-terminal region of human Merlin.
Clone:	RB19187
Isotype:	lg Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	

Merlin (NF2)

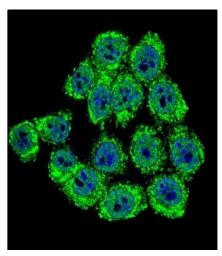
### **Target Details**

rarget Details		
Alternative Name:	Merlin (NF2 Products)	
Background:	Merlin 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 protein has been shown to interact with cell-surface proteins, proteins involved in cytoskeletal dynamics and proteins involved in regulating ion transport.	
Molecular Weight:	69690	
Gene ID:	4771	
NCBI Accession:	NP_000259, NP_057502, NP_861546, NP_861966, NP_861967, NP_861968, NP_861969, NP_861970, NP_861971	
UniProt:	P35240	
Pathways:	Cell-Cell Junction Organization	
Application Details		
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in sma aliquots to prevent freeze-thaw cycles.	
Expiry Date:	6 months	



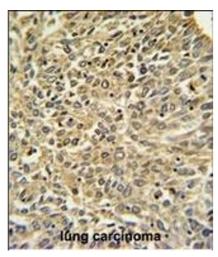
#### **Western Blotting**

**Image 1.** Western blot analysis of Merlin Antibody (N-term) (ABIN390756 and ABIN2841014) in NCI- cell line lysates (35  $\mu$ g/lane). NF2 (arrow) was detected using the purified Pab.



#### **Immunofluorescence**

**Image 2.** Confocal immunofluorescent analysis of Merlin Antibody (N-term) (ABIN390756 and ABIN2841014) with Hela cell followed by Alexa Fluor® 488-conjugated goat anti-rabbit IgG (green). DI was used to stain the cell nuclear (blue).



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 3.** Merlin Antibody (N-term) (ABIN390756 and ABIN2841014) IHC analysis in formalin fixed and paraffin embedded human lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the Merlin Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.