

## anti- MICAL1 antibody

### Product Information

Catalog No.:	FNab05177
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Monooxygenase that promotes depolymerization of F-actin by mediating oxidation of specific methionine residues on actin. Acts by modifying actin subunits through the addition of oxygen to form methionine-sulfoxide, leading to promote actin filament severing and prevent repolymerization(Probable). Acts as a cytoskeletal regulator that connects NEDD9 to intermediate filaments. Also acts as a negative regulator of apoptosis via its interaction with STK38 and STK38L; acts by antagonizing STK38 and STK38L activation by MST1/STK4.

### Immunogen information

Immunogen:	microtubule associated monooxygenase, calponin and LIM domain containing 1
Synonyms:	MICAL, MICAL 1, MICAL1, NICAL
Observed MW:	120 kDa
Uniprot ID :	Q8TDZ2

### Application

Reactivity:	Human, Mouse
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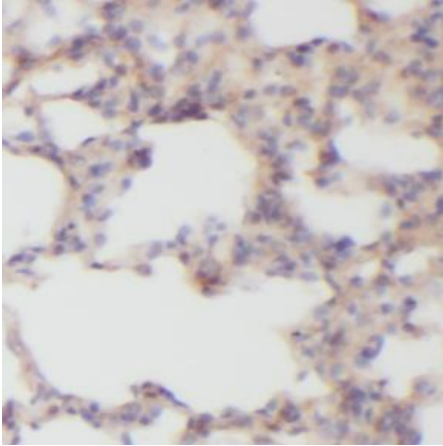
Fax: (0086)027-87800889

[www.fn-test.com](http://www.fn-test.com)

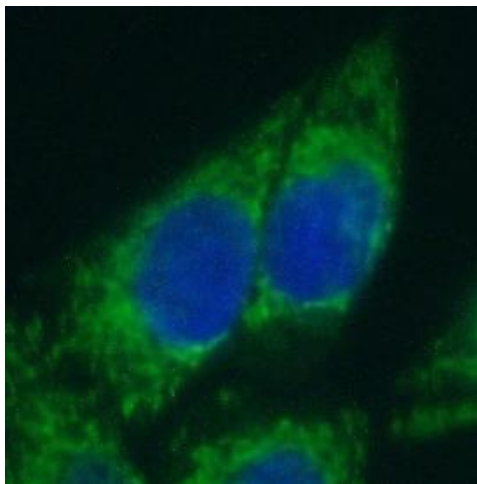
Tested Application: ELISA, WB, IHC, IP, FC

Recommended dilution: WB: 1:1000-1:4000; IP: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:50-1:500

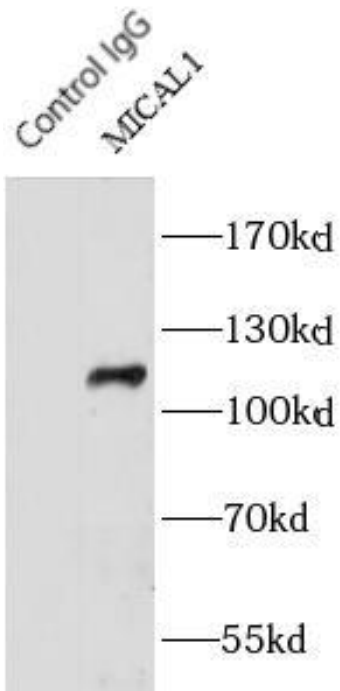
Image:



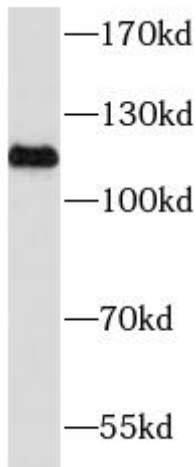
Immunohistochemistry of paraffin-embedded human lung using FNab05177(MICAL1 antibody) at dilution of 1:100



Immunofluorescent analysis of ( -20 °C Ethanol) fixed HeLa cells using FNab05177 (MICAL1 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated Goat Anti-Rabbit IgG(H+L)



IP result of anti-MICAL1(IP: FNab05177, 5ug;  
Detection: FNab05177 1:1000) with Hela cells  
lysate 2000 ug



Jurkat cells were subjected to SDS PAGE followed  
by western blot with FNab05177(MICAL1  
antibody) at dilution of 1:1000