

# K-ALPHA-1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant TUBA1B.

Catalog # AT2589a

## Product Information

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<b>Application</b>	WB, IHC, IF
<b>Primary Accession</b>	<a href="#">P68363</a>
<b>Other Accession</b>	<a href="#">BC008659</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2b kappa
<b>Clone Names</b>	4D1
<b>Calculated MW</b>	50152

## Additional Information

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<b>Gene ID</b>	10376
<b>Other Names</b>	Tubulin alpha-1B chain, Alpha-tubulin ubiquitous, Tubulin K-alpha-1, Tubulin alpha-ubiquitous chain, TUBA1B
<b>Target/Specificity</b>	TUBA1B (AAH08659, 1 a.a. ~ 451 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000 IHC~~1:100~500 IF~~1:50~200
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	K-ALPHA-1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## References

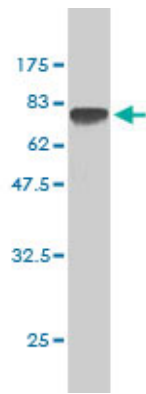
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1.De novo production of K-{alpha}1 tubulin-specific antibodies: role in chronic lung allograft rejection.Goers TA, Ramachandran S, Aloush A, Trulock E, Patterson GA, Mohanakumar T.J Immunol. 2008 Apr 1;180(7):4487-94.

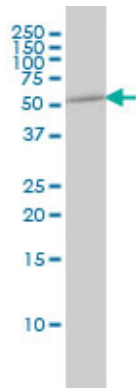
## Images

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Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (75.35 KDa) .

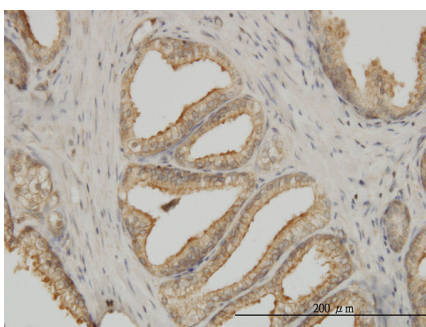
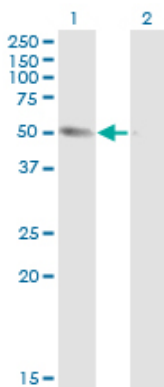


TUBA1B monoclonal antibody (M01), clone 4D1 Western Blot analysis of TUBA1B expression in A-431 ( (Cat # AT2589a )

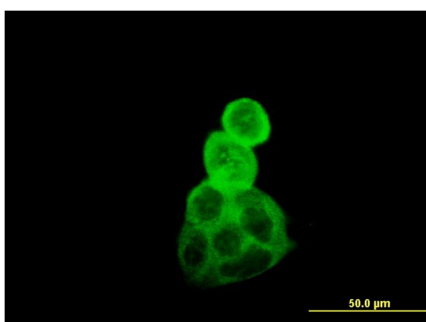


Western Blot analysis of TUBA1B expression in transfected 293T cell line by TUBA1B monoclonal antibody (M01), clone 4D1.

Lane 1: TUBA1B transfected lysate(50.2 KDa).  
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to TUBA1B on formalin-fixed paraffin-embedded human prostate. [antibody concentration 3 ug/ml]



Immunofluorescence of monoclonal antibody to TUBA1B on A-431 cell. [antibody concentration 10 ug/ml]

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.