

TUBB Antibody (monoclonal) (M04)**Mouse monoclonal antibody raised against a full-length recombinant TUBB.****Catalog # AT4403a****Specification**

TUBB Antibody (monoclonal) (M04) - Product Information

Application	WB, IHC, E
Primary Accession	P07437
Other Accession	BC019924
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	49671

TUBB Antibody (monoclonal) (M04) - Additional Information**Gene ID** 203068**Other Names**

Tubulin beta chain, Tubulin beta-5 chain, TUBB, TUBB5

Target/Specificity

TUBB (AAH19924, 1 a.a. ~ 444 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

TUBB Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

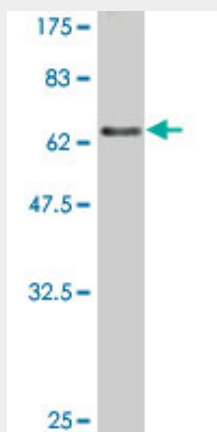
TUBB Antibody (monoclonal) (M04) - Protocols

Provided below are standard protocols that you may find useful for product applications.

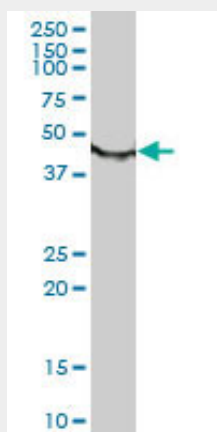
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

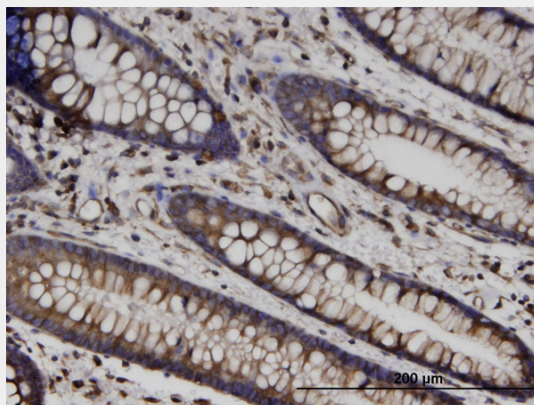
TUBB Antibody (monoclonal) (M04) - Images



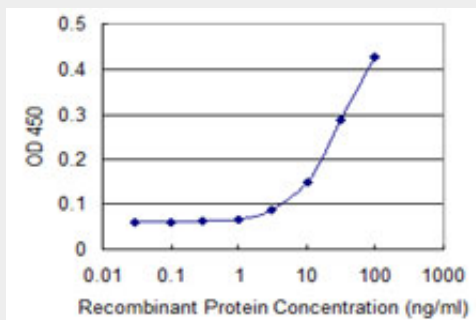
Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (74.36 KDa) .



TUBB monoclonal antibody (M04), clone 3B3. Western Blot analysis of TUBB expression in Y-79 (Cat # AT4403a)



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



Detection limit for recombinant GST tagged TUBB is 1 ng/ml as a capture antibody.

TUBB Antibody (monoclonal) (M04) - References

1. Tubulin Acetylation Alone Does Not Affect Kinesin-1 Velocity and Run Length In Vitro. Walter WJ, Beranek V, Fischermeier E, Diez S. PLoS One. 2012;7(8):e42218. Epub 2012 Aug 1. 2. Immune reactivity to β -tubulin isotype 5 and vesicular integral-membrane protein 36 in patients with autoimmune gastrointestinal disorders. Op De Beeck K, Van den Bergh K, Vermeire S, Decock S, Derua R, Waelkens E, Rutgeerts P, Nevens F, Bossuyt X. Gut. 2010 Dec 15. [Epub ahead of print]