Product Name: TUBB1 Mouse Monoclonal Antibody
Catalog #: AMM81449
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human,Mouse,Monkey,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	50.3kDa

Antigen Information

Gene Name	TUBB1
Alternative Names	Tubulin beta-1 chain
Gene ID	81027.0
SwissProt ID	Q9H4B7
Immunogen	Purified recombinant fragment of human TUBB1 (AA: 33-166) expressed in E. Coli.

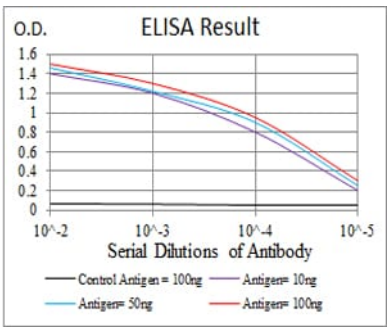
Background

This gene encodes a member of the beta tubulin protein family. Beta tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. This protein is specifically expressed in platelets and megakaryocytes and may be involved in proplatelet production and platelet release. A mutations in this gene is associated with

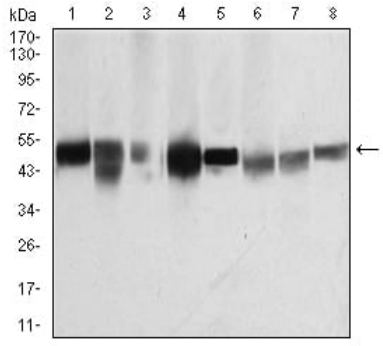
autosomal dominant macrothrombocytopenia. Two pseudogenes of this gene are found on chromosome Y.

Research Area

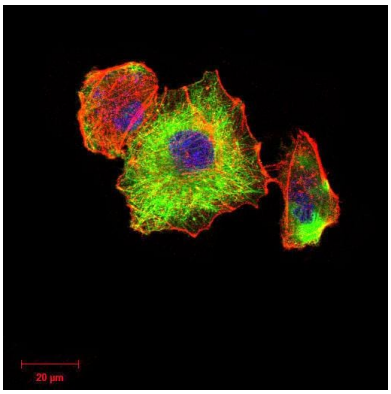
Image Data



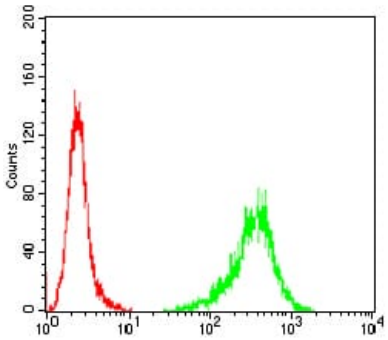
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



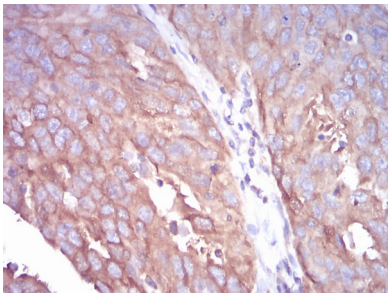
Western blot analysis using TUBB1 mouse mAb against K562 (1), HepG2 (2), A431 (3), Jurkat (4), Hela (5), NIH/3T3 (6), Cos7 (7) and PC12 (8) cell lysate.



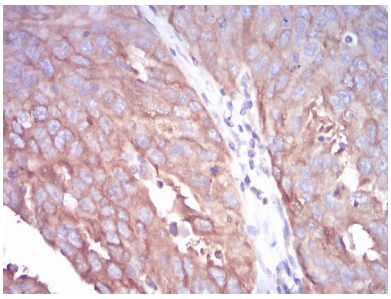
Immunofluorescence analysis of Hela cells using TUBB1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



Flow cytometric analysis of A431 cells using TUBB1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using TUBB1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using TUBB1 mouse mAb with DAB staining.