

Product Name: TRBC1 Mouse Monoclonal Antibody**Catalog #: AMM82801**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,ELISA,FC
Reactivity	Human, 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 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	19.7kDa

Antigen Information

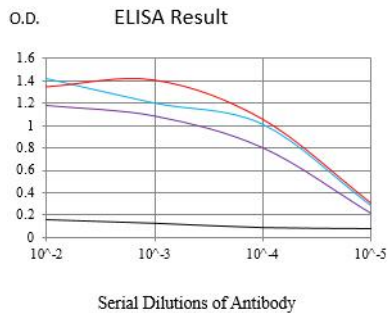
Gene Name	TRBC1
Alternative Names	TCRB; TCRBC1; BV05S1J2.2
Gene ID	28639.0
SwissProt ID	P01850
Immunogen	Purified recombinant fragment of human TRBC1 (AA: 1-149) expressed in E. Coli.

Background

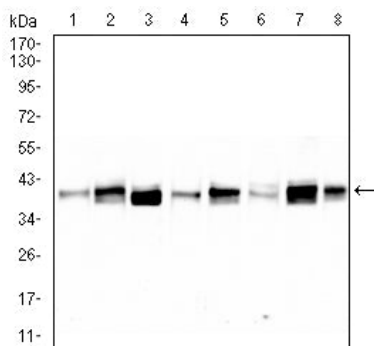
TRBC1 (T Cell Receptor Beta Constant 1) is a Protein Coding gene. Among its related pathways are Translocation of ZAP-70 to Immunological synapse and Innate Immune System. An important paralog of this gene is TRBC2.

Research Area

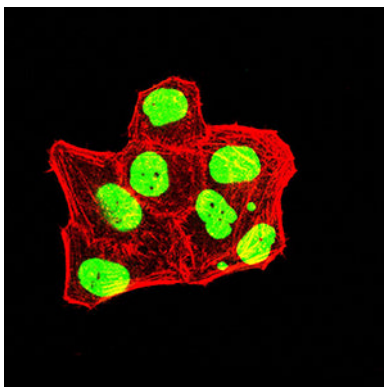
Image Data



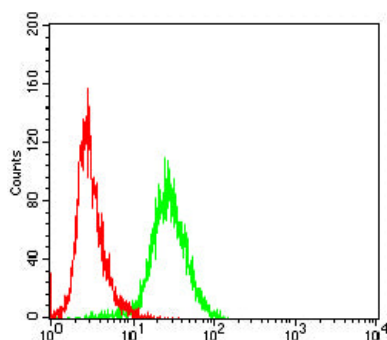
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



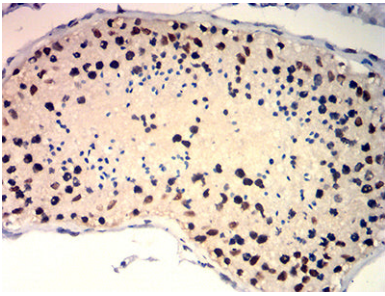
Western blot analysis using TRBC1 mouse mAb against HUVEC (1), Jurkat (2), Hela (3), HUVE-12 (4), A549 (5), C6 (6), Raji (7), and T47D (8) cell lysate.



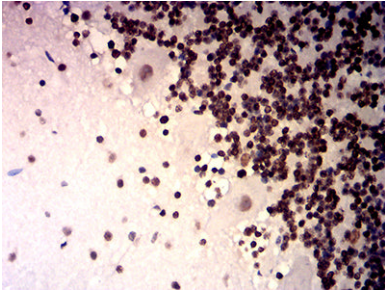
Immunofluorescence analysis of Hela cells using TRBC1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of Jurkat cells using TRBC1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human testis tissues using TRBC1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues using TRBC1 mouse mAb with DAB staining.