Anti-TUBB1 antibody [3F7] (STJ96939)

STJ96939

GENERAL INFORMATION

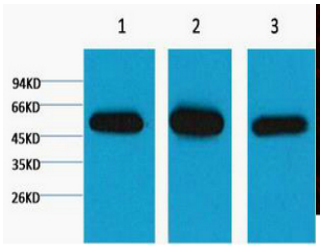
Product Type Primary antibodies
Short Description Mouse monoclonal antibody anti-Tubulin beta-1 chain is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
Applications WB/IHC/IF
Host/Source Mouse
Reactivity Human/Rat/Mouse

PRODUCT PROPERTIES

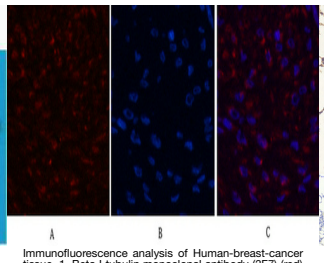
Clonality Monoclonal
Clone ID 3F7
Concentration
Conjugation Unconjugated
Purification The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution Range WB 1:500-10000
IF 1:200
IHC 1:50-300
Formulation Liquid in PBS pH7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
Isotype IgG1
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

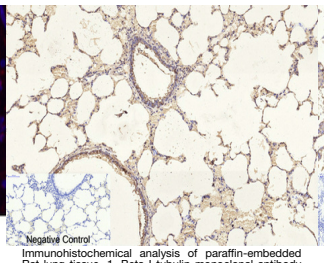
Gene ID 81027
Gene Symbol TUBB1
Uniprot ID TBB1_HUMAN
Immunogen Synthetic Peptide of Beta I tubulin
Immunogen Region
Specificity The antibody detects endgenous Beta I tubulin proteins.
Immunogen Sequence



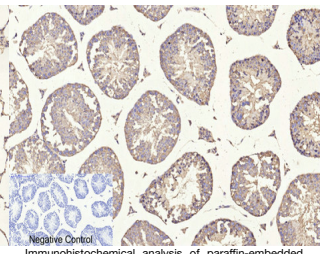
Western blot analysis of 1) Hela, 2) Mouse Brain Tissue, 3) Rat Brain Tissue, diluted at 1:5000.



Immunofluorescence analysis of Human-breast-cancer tissue. 1, Beta I tubulin monoclonal antibody (3F7) (red) was diluted at 1:200 (4Å°C, overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1, Beta I tubulin monoclonal antibody (3F7) was diluted at 1:200 (4Å°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98Å°C, 20min). 3, Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse-testis tissue. 1, Beta I tubulin monoclonal antibody (3F7) was diluted at 1:200 (4Å°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98Å°C, 20min). 3, Secondary antibody was diluted at 1:200 (room tempeRature, 30min). Negative control was used by secondary antibody only.

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