

Anti-ACTB antibody (C-Term) [5B7] (STJ96930)

STJ96930

GENERAL INFORMATION

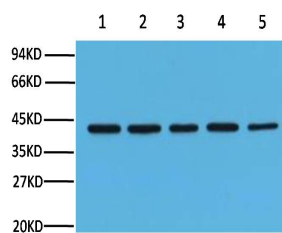
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Actin-Cytoplasmic 1 (C-Term) is suitable for use in Immunofluorescence, Immunocytochemistry, Western Blot and Immunohistochemistry research applications.
Applications	IF, ICC, WB, IHC-P
Host/Source	Mouse
Reactivity	Human, Rat, Mouse, Simian, Dog, Chicken, Hamster, Rabbit, Insects

PRODUCT PROPERTIES

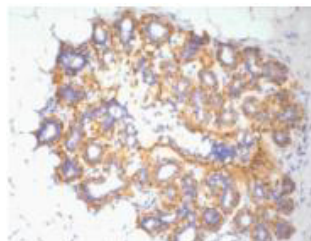
Clonality	Monoclonal
Clone ID	5B7
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	IF 1:50-200 WB 1:5000-20000 IHC 1:200-300
Formulation	PBS, pH 7.4, 0.5% BSA, 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

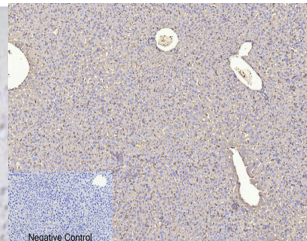
Gene ID	60
Gene Symbol	ACTB
Uniprot ID	ACTB_HUMAN
Immunogen	Synthetic peptide of Beta-actin
Immunogen Region	C-Term
Specificity	ACTB monoclonal antibody (Actin-Cytoplasmic 1) binds to endogenous Actin-Cytoplasmic 1 at the amino acid region C-Term.
Immunogen Sequence	



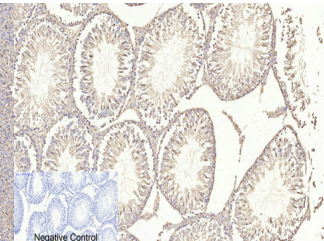
Western blot analysis of Hela (1) Rat brain (2) Mouse brain (3) , Chicken lung (4) and Rabbit testis (5), diluted at 1:10000.



IHC Staining of Human ovary tissue, diluted at 1:200



Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. 1. Beta-actin monoclonal antibody (5B7) was diluted at 1:200 (4°C, overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval (>98°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 Rat-testis tissue. 1. Beta-actin monoclonal antibody (5B7) was diluted at 1:200 (4°C, overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3. Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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