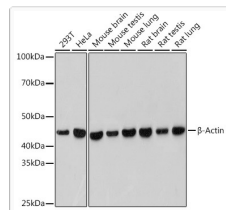
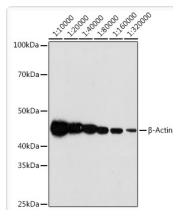


Anti-ACTB antibody [S0MR] (STJ11100960)

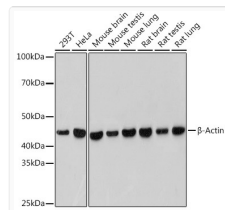
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat/Chicken/Zebrafish/Pig
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:10000-1:100000 IHC-P:1:500-1:5000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 42kDa Observed Mw: 45kDa/42kDa/42kDa
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 Sequence	MDDIAALVVDNGSGMCKAG FAGDDAPRAVFPSIVGRPRH QGVMVGMGQKDSYVGDEAQS KRGILTLKYPIEHGIVTNWD DMEKIWHHTFYNELRVAPEE HPVLLTEAPLNPKANREKMT QIMFETNTPAMYVAIQAVL SLYASGRRTGIVMDSGDGV THTVPIYEGYALPHAILRLDL AGRDLTDYLMKILTERGYSF TTTAEREIVRDIKEKLCYVA LDFAQEMATAASSSSLEKS
Specificity	Recombinant protein of human Beta-Actin
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



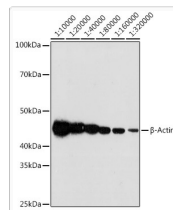
Western blot analysis of various lysates using Beta-Actin Rabbit mAb (STJ11100960) at 1:50000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 60s.



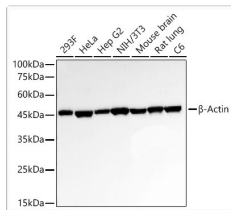
Western blot analysis of lysates from HeLa cells, using Beta-Actin Rabbit mAb (STJ11100960) at 1:10000-1:320000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 180s.



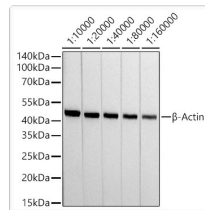
Western blot analysis of various lysates using I²-Actin Rabbit mAb (STJ11100960) at 1:50000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 60s.



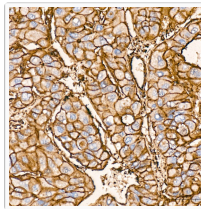
Western blot analysis of lysates from HeLa cells, using I²-Actin Rabbit mAb (STJ11100960) at 1:10000-1:320000 dilution.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 180s.



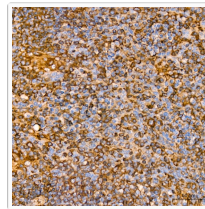
Western blot analysis of various lysates using I²-Actin Rabbit mAb (STJ11100960) at 1:50000 dilution incubated overnight at 4C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 10s.



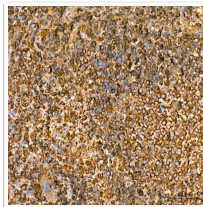
Western blot analysis of lysates from HeLa cells using I²-Actin Rabbit mAb (STJ11100960) at 1:10000-1:160000 dilution incubated overnight at 4C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
 Lysates/proteins: 25 Mu g per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit
 Exposure time: 10s.



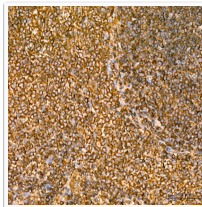
Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using I²-Actin Rabbit mAb (STJ11100960) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using I²-Actin Rabbit mAb (STJ11100960) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using I²-Actin Rabbit mAb (STJ11100960) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat spleen tissue using I²-Actin Rabbit mAb (STJ11100960) at a dilution of 1:400 (40x lens). High pressure antigen retrieval performed with 0. 01M Citrate Buffer (pH 6. 0) prior to immunohistochemistry staining.