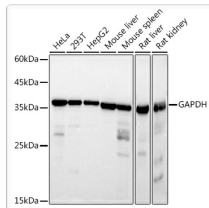
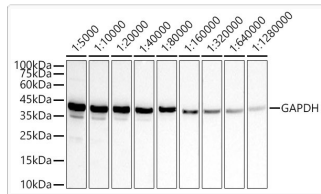


Anti-GAPDH antibody (1-335) [S2MR] (STJ11103682)

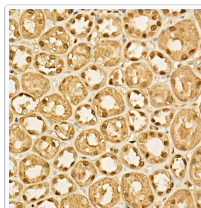
GENERAL INFORMATION	
Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Mouse
Reactivity	Human/Mouse/Rat
PRODUCT PROPERTIES	
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:5000-1:50000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG2bk
Molecular Weight	Protein Mw: 36kDa Observed Mw: 36kDa/
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	2597
Gene Symbol	GAPDH
UniProt ID	G3P_HUMAN
Immunogen Region	1-335
Immunogen Sequence	MGKVKVG VNGFGRIGRLVTR AAFNSGKVDIVAINDPFIDL NYMVYMFQYDSTHGKFHGTV KAENGKLVINGNPITIFQER DPSKIKWGDAGAEYVVESTG VFTTMEKAGAHLQGGAKRVI ISAPSADAPMFVMGVNHEKY DNSLKIIISNASCTTNCLAPL AKVIHDNFGIVEGLMTTVHA ITATQKTVDGPSGKLWRDGR GALQNIIPASTGAAKAVGKV IPELNGKLTGMAFRVPTAN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-335 of human GAPDH (P04406).
ADDITIONAL INFORMATION	
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



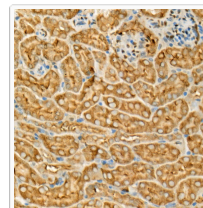
Western blot analysis of various lysates using GAPDH Mouse mAb (STJ11103682) at 1:10000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 1s.



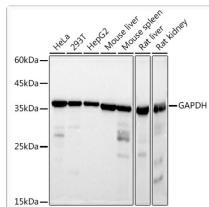
Western blot analysis of lysates from HeLa cells using GAPDH Mouse mAb (STJ11103682) at 1:5000-1:1280000 dilution incubated overnight at 4 °C. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (



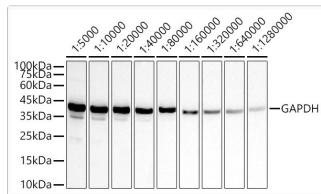
Immunohistochemistry analysis of paraffin-embedded Human kidney using GAPDH Mouse mAb (STJ11103682) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



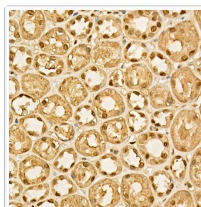
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using GAPDH Mouse mAb (STJ11103682) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



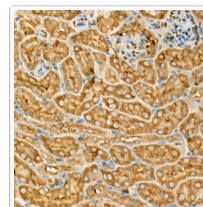
Western blot analysis of various lysates using GAPDH Mouse mAb (STJ11103682) at 1:10000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit Exposure time: 1s.



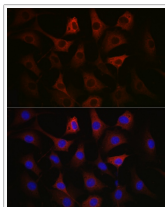
Western blot analysis of lysates from HeLa cells using GAPDH Mouse mAb (STJ11103682) at 1:5000-1:1280000 dilution incubated overnight at 4C. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (STJS000854) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (



Immunohistochemistry analysis of paraffin-embedded Human kidney using GAPDH Mouse mAb (STJ11103682) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using GAPDH Mouse mAb (STJ11103682) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to immunohistochemistry staining.



Immunofluorescence analysis of NIH/3T3 cells using GAPDH Mouse mAb (STJ11103682) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.