Anti-GAPDH antibody (4-335) [S4MR] (STJ11101594)

STJ11101594

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	S4MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:50000-1:200000
	IHC-P:1:500-1:1000
	IF/ICC:1:50-1:200
	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
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

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Gene ID	2597
Gene Symbol	GAPDH
Uniprot ID	G3P_HUMAN
Immunogen	
Immunogen Region	4-335
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 4-335 of human GAPDH (NP_002037.2).
Immunogen Sequence	VKVGVNGFGRIGRLVTRAAF NSGKVDIVAINDPFIDLNYM VYMFQYDSTHGKFHGTVKAE NGKLVINGNPITIFQERDPS KIKWGDAGAEYVVESTGVFT TMEKAGAHLQGGAKRVIISA PSADAPMFVMGVNHEKYDNS LKIISNASCTTNCLAPLAKV IHDNFGIVEGLMTTVHAITA TQKTVDGPSGKLWRDGRGAL QNIIPASTGAAKAVGKVIPE LNGKLTGMAFRVPTANVSV
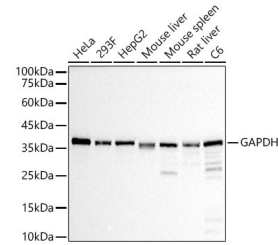
Western blot analysis of various lysates, using GAPDH antibody (STJ11101594) at 1:100000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.
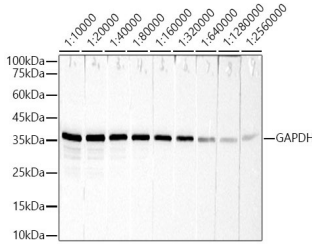
Western blot analysis of HeLa cells, using GAPDH rabbit monoclonal antibody (STJ11101594) at 1:10000-1:2560000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.
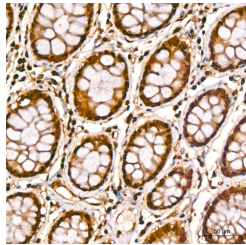
Immunohistochemistry analysis of paraffin-embedded human colon using GAPDH rabbit monoclonal antibody (STJ11101594) at dilution of 1:800 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.
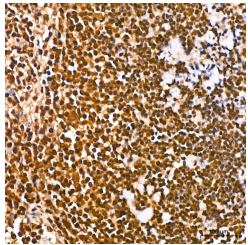
Immunohistochemistry analysis of paraffin-embedded human spleen using GAPDH rabbit monoclonal antibody (STJ11101594) at dilution of 1:800 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.