

## Anti-GAPDH antibody [2B8] (STJ96931)

STJ96931

### GENERAL INFORMATION

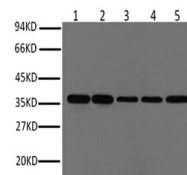
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Glyceraldehyde-3-Phosphate Dehydrogenase is suitable for use in Western Blot, Immunofluorescence, Immunocytochemistry and Immunohistochemistry research applications.
<b>Applications</b>	WB, IF, ICC, IHC-P
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Rat, Mouse, Simian, Dog, Chicken, Hamster, Rabbit, Pig, Sheep, Insects, Yeast

### PRODUCT PROPERTIES

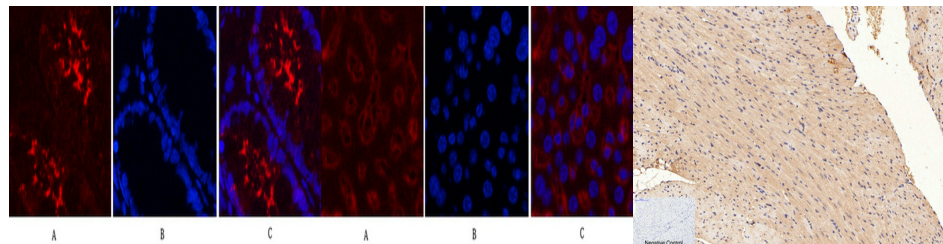
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	2B8
<b>Concentration</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:5000-20000 IHC 1:200-300 IF 1:200
<b>Formulation</b>	PBS, pH 7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	2597
<b>Gene Symbol</b>	GAPDH
<b>Uniprot ID</b>	G3P_HUMAN
<b>Immunogen</b>	Synthetic peptide of GAPDH
<b>Region</b>	
<b>Specificity</b>	GAPDH monoclonal antibody (Glyceraldehyde-3-Phosphate Dehydrogenase) binds to endogenous Glyceraldehyde-3-Phosphate Dehydrogenase.
<b>Immunogen Sequence</b>	



Western blot analysis of HeLa (1), Rat brain (2), Rabbit Muscle (3), Sheep Muscle (4), and Mouse brain (5), diluted at 1:10000.



Immunofluorescence analysis of Human-colon tissue. 1. GAPDH monoclonal antibody (2B8) (red) was diluted at 1:200 (4°C, overnight). 2. Cy3 labeled 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

Immunofluorescence analysis of Mouse-liver tissue. 1. GAPDH monoclonal antibody (2B8) (red) was diluted at 1:200 (4°C, overnight). 2. Cy3 labeled 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 Mouse-heart tissue. 1. GAPDH monoclonal antibody (2B8) 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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