

**FUJIFILM****Wako**Code No. 015-25473 (200  $\mu$ L)**Anti GAPDH, Monoclonal Antibody,  
Peroxidase Conjugated**  
**抗 GAPDH, モノクローナル抗体,  
ペルオキシダーゼ結合**

Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a tetramer of identical chains that catalyzes reversible oxidative phosphorylation of glyceraldehydes-phosphate in the presence of inorganic phosphate and nicotinamide adenine dinucleotide. GAPDH is thought to be a constitutively expressed housekeeping protein and a popular internal standard used in gene expression studies.

This antibody is produced by immunizing mouse with synthetic peptide [CRLEKPAKYDDIKK], coupled to keyhole limpet hemocyanin (KLH) and conjugated with peroxidase.

<b>[Concentration]</b>	Approx. 1 mg/mL
<b>[Formulation]</b>	10 mmol/L sodium phosphate, 150 mmol/L sodium chloride, pH 7.4 with 50% glycerol.
<b>[Clone No.]</b>	5A12
<b>[Subclass]</b>	IgG <sub>1</sub>
<b>[Purification]</b>	Protein A affinity chromatography
<b>[Source]</b>	Mouse ascites
<b>[Reactivity]</b>	Human, Mouse, African green monkey
<b>[Species predicted to react based on sequence homology]</b>	Rat, Pig
<b>[Application]</b>	Western blot
<b>[Working Dilution]</b>	Western blot 1 : 4,000 – 1 : 16,000

Please optimize the most appropriate concentration for your analysis conditions and samples.

**[Storage]** Keep at  $-20^{\circ}\text{C}$ . Do not freeze and thaw cycle.

**[Package]**

Code No.	Packaging
015-25473	200 $\mu$ L

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