

Anti-H6PD/GDH antibody (541-791 aa) [SRM5393] (STJ11107303)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Mouse

PRODUCT PROPERTIES

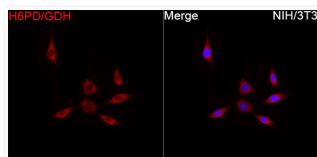
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	IF/ICC:1:100-1:400 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 89kDa Observed Mw: Refer to figures
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	9563
Gene Symbol	H6PD
UniProt ID	G6PE_HUMAN
Immunogen Region	541-791 aa
Immunogen Sequence	SDFQVLRKYRESPLVSAWS EELISKLANDIEATAVRAVR RFGQFHLALSGGSSPVALFQ QLATAHYGFPWAHTLWLVD ERCVPLSDPESNFQGLQAH LQHVRIPYYNIHPMPVHLQQ RLCAEEDQGAQIYAREISAL VANSFIDLVLGMGADGHTA SLFPQSPTGLDGEQLVVLTT SPSQPHRRMSLSLPLINRAK KVAVLVMGRMKREITTLVSR VGHEPKKWPISGVLPHSGQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 541-791 of human H6PD/GDH (NP_004276.2).

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Immunofluorescence analysis of NIH/3T3 cells using H6PD/GDH Rabbit mAb (STJ11107303) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (STJS001166) at 1:500 dilution. Blue: DAPI for nuclear staining.