

产品名称: G6PD Mouse Monoclonal Antibody
产品货号: AMM81053



产品概述 (Summary)

产品名称 (Production Name)	G6PD Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rabbit

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	G6PD
别名 (Alternative Names)	G6PD1
基因 ID (Gene ID)	2539.0
蛋白 ID (SwissProt ID)	P11413.Purified recombinant fragment of human G6PD expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	59kDa

研究背景 (Background)

This gene encodes glucose-6-phosphate dehydrogenase. This protein is a cytosolic enzyme encoded by a housekeeping X-linked gene whose main function is to produce NADPH, a key electron donor in the defense against oxidizing agents and in

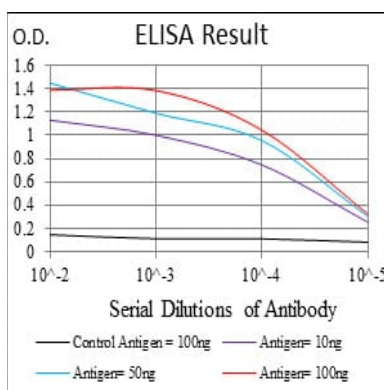
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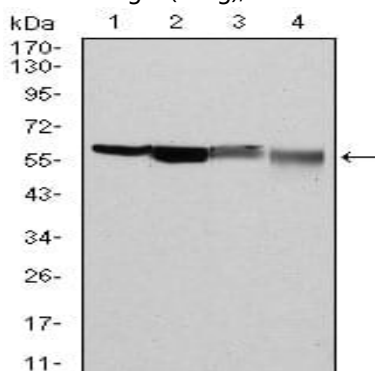
reductive biosynthetic reactions. G6PD is remarkable for its genetic diversity. Many variants of G6PD, mostly produced from missense mutations, have been described with wide ranging levels of enzyme activity and associated clinical symptoms. G6PD deficiency may cause neonatal jaundice, acute hemolysis, or severe chronic non-spherocytic hemolytic anemia. Two transcript variants encoding different isoforms have been found for this gene.

研究领域 (Research Area)

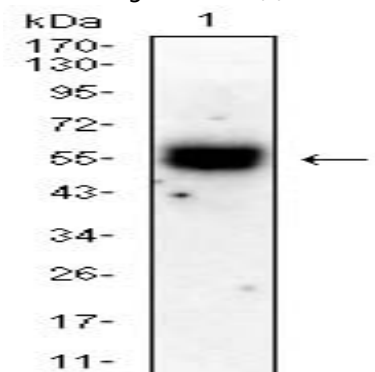
图片 (Image Data)



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



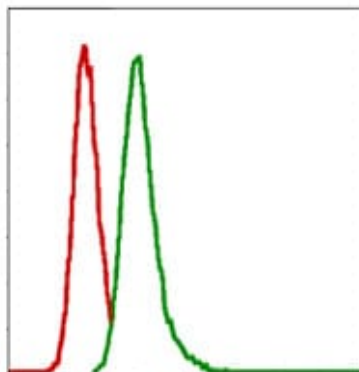
Western blot analysis using G6PD mouse mAb against Hela (1), MCF-7 (2), Jurkat (3) and K562 (4) cell lysate.



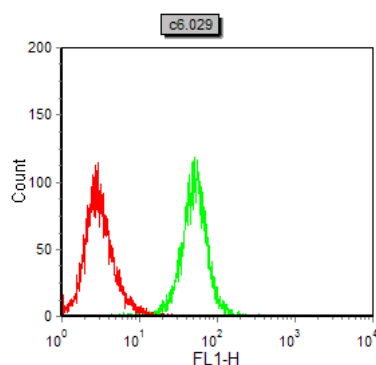
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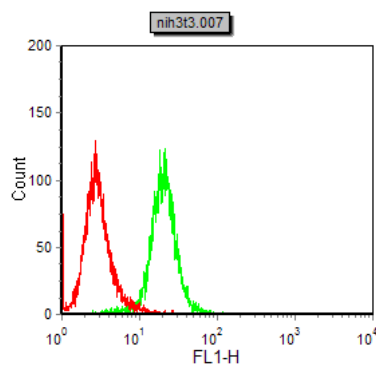
Western blot analysis using G6PD mouse mAb against C2C12 cell lysate.



Flow cytometric analysis of MCF-7 cells using G6PD mouse mAb (green) and negative control (red).

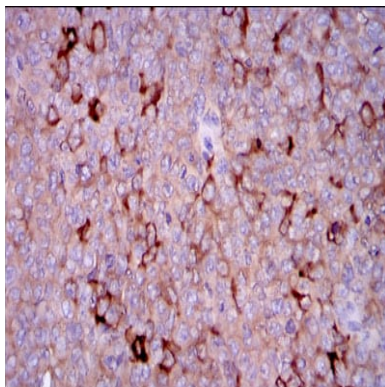


Flow cytometric analysis of C6 cells using G6PD mouse mAb (green) and negative control (red).

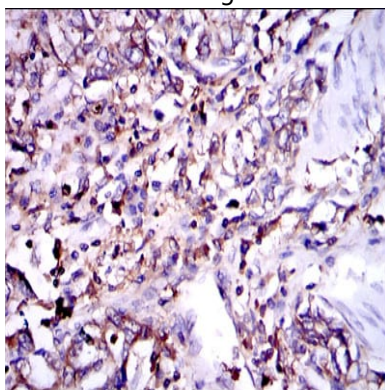


Flow cytometric analysis of NIH3T3 cells using G6PD mouse mAb (green) and negative control (red).

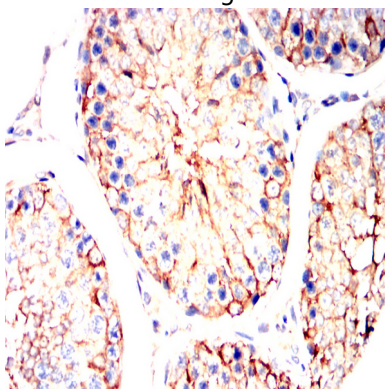
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Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using G6PD mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using G6PD mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit testicles using G6PD mouse mAb with DAB staining.

注意事项 (Note)

For research use only .