

G6PD Rabbit mAb

Catalog No: #59426



Package Size: #59426-1 50ul #59426-2 100ul

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Description

|                    |                                                                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name       | G6PD Rabbit mAb                                                                                                                                            |
| Host Species       | Rabbit                                                                                                                                                     |
| Clonality          | Monoclonal                                                                                                                                                 |
| Isotype            | Rabbit IgG                                                                                                                                                 |
| Purification       | Affinity-chromatography                                                                                                                                    |
| Applications       | WB;IHC;ICC/IF                                                                                                                                              |
| Species Reactivity | Human                                                                                                                                                      |
| Specificity        | G6PD Antibody detects endogenous levels of total G6PD                                                                                                      |
| Conjugates         | Unconjugated                                                                                                                                               |
| Other Names        | G6PD; G6PD1; G6pdx; Glucose 6 phosphate 1 dehydrogenase; Glucose 6 phosphate dehydrogenase; Glucose 6 phosphate dehydrogenase, G6PD; MET19; POS10; Zwfp1p; |
| Accession No.      | P11413                                                                                                                                                     |
| Calculated MW      | 59 kDa                                                                                                                                                     |
| SDS-PAGE MW        | 55 kDa                                                                                                                                                     |
| Formulation        | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                         |
| Storage            | Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.                                                                             |

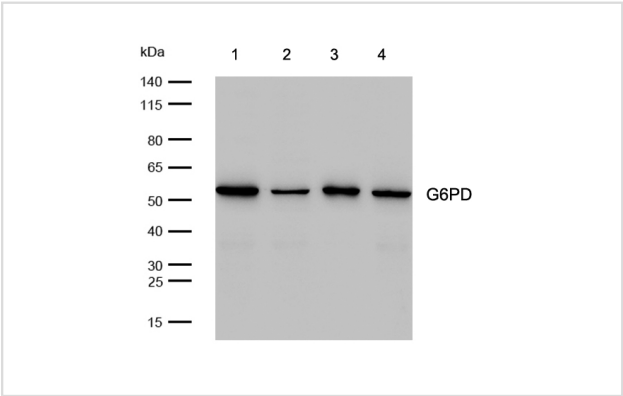
Application Details

WB: 1:500-1:2000

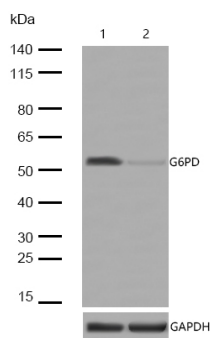
IHC: 1:50-1:200

ICC/IF: 1:50-1:200

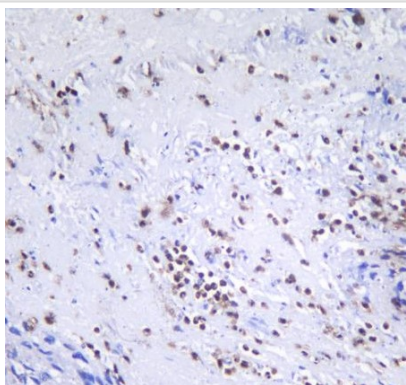
Images



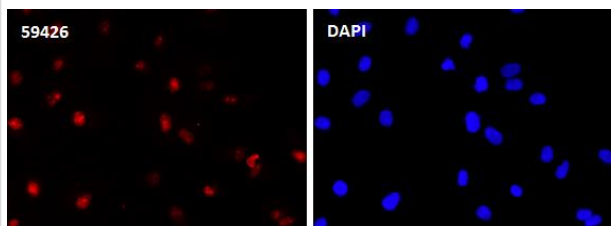
All lanes: G6PD Rabbit mAb at 1/1k dilution  
Lane 1 : Hela whole cell lysates  
Lane 2 : JK whole cell lysates  
Lane 3 : HepG2 whole cell lysates  
Lane 4 : MCF-7 whole cell lysates  
Lysates/proteins at 20 µg per lane.  
Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution  
Predicted band size: 59 kDa  
Observed band size: 55 kDa  
Exposure time: 6 seconds



All lanes: G6PD Rabbit mAb at 1/1k dilution  
 Lane 1 : Wild-type HCT116 cell lysate  
 Lane 2 : G6PD Rabbit mAb knockdown HCT116 cell lysate  
 Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human gastric adenocarcinoma tissue stained for G6PD using 59426 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence G6PD antibody (59426)  
 ICC/IF staining of G6PD in A549 cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 59426 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.