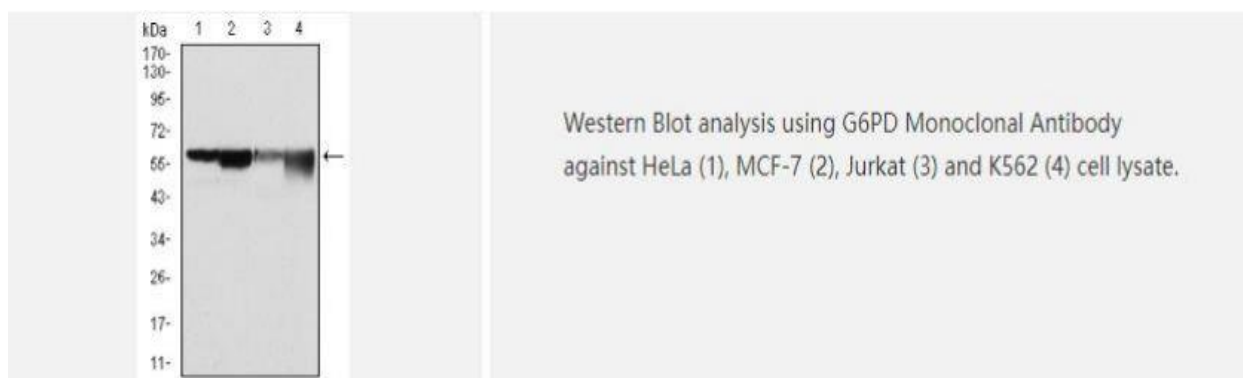
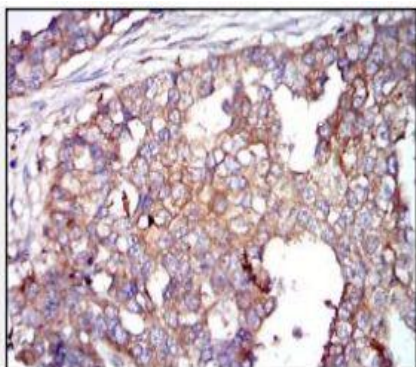


G6PD Monoclonal Antibody

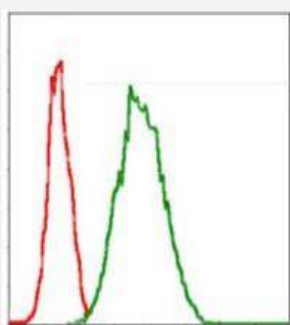
Catalog No.	IMB0100
Reactivity	Human
Applications	WB; IHC-p; FCM; ELISA
Gene Name	G6PD
Protein Name	Glucose-6-phosphate 1-dehydrogenase
Human Gene Id	2539
Swiss-Prot	P11413
Formulation	Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.
Source	Monoclonal, Mouse
Dilution	WB: 1:500-1:2000 IHC: 1:200-1:1000 FCM: 1:200-1:400 ELISA: 1:10000
Purification	Affinity purification
Concentration	-
Storage & Stability	-20°C/1 year
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 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. [provided by RefSeq, Jul 2008],
Subcellular Location.	Cytoplasm, cytosol . Membrane; Peripheral membrane protein .
BioMW	-

Products Images:





Immunohistochemistry analysis of paraffin-embedded breast cancer tissues with DAB staining using G6PD Monoclonal Antibody.



Flow cytometric analysis of Jurkat cells using G6PD Monoclonal Antibody (green) and negative control (red).

