BOSTER BIOLOGICAL TECHNOLOGY
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Anti-G6PD/Glucose 6 Phosphate Dehydrogenase Rabbit Monoclonal Antibody

Catalog Number: M00287

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Overview

Product Name	Anti-G6PD/Glucose 6 Phosphate Dehydrogenase Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-G6PD/Glucose 6 Phosphate Dehydrogenase Rabbit Monoclonal Antibody catalog # M00287. Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IF, IHC, ICC, WB
Clonality	Monoclonal ABBI-7
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P11413

Technical Details

Immunogen	A synthesized peptide derived from human G6PD
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml

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Purification	Affinity-chromatography
Suggested Dilutions	WB, 1:500-2000 IHC, 1:50-200 ICC/IF, 1:50-200 FC, 1:50

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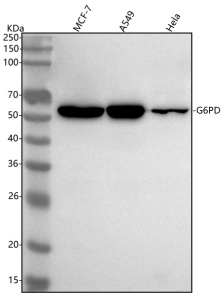
Anti-G6PD/Glucose 6 Phosphate Dehydrogenase Rabbit Monoclonal Antibody (M00287) Images



Western blot analysis of G6PD using anti-G6PD antibody (M00287). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human MCF-7 whole cell lysates, Lane 2: human A549 whole cell lysates, Lane 3: human Hela whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-G6PD antigen affinity purified monoclonal antibody (Catalog # M00287) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:1000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for G6PD at approximately 59 kDa. The expected band size for G6PD is at 59 kDa.

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For Research Use Only. Not for use in diagnostic procedures.