

Anti-G6PD Antibody

Catalog Number: A00287-1

About G6PD

HDAC-1 antibody recognizes HDAC1 (also known as HD1, histone deacetylase 1, RPD3, RPD3L1) which belongs to the histone deacetylase/acuc/apha family and is a component of the histone deacetylase complex. Histone acetylation and deacetylation, catalyzed by multisubunit complexes, play a key role in the regulation of eukaryotic gene expression. It also interacts with retinoblastoma tumor-suppressor protein and this complex is a key element in the control of cell proliferation and differentiation. Together with metastasis-associated protein-2, it deacetylates p53 and modulates its effect on cell growth and apoptosis.

Overview

Product Name	Anti-G6PD Antibody
Reactive Species	Human
Description	Boster Bio Anti-G6PD Antibody catalog # A00287-1. Tested in WB,ICC,IHC,Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
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	Synthesized peptide derived from human NFkappaB-p65 around the phosphorylation site of T505.
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	ProA affinity purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
WB: 1:500-1:2,000
ICC: 1:50-1:200
IHC: 1:50-1:200
FC: 1:50-1:100

Anti-G6PD Antibody (A00287-1) Images

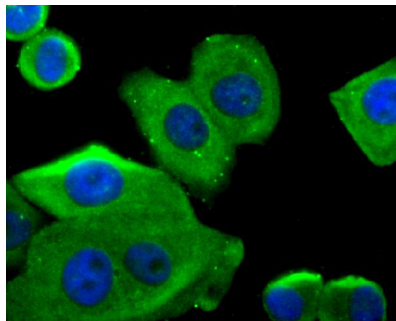


Figure 2. Immunocytochemistry staining of G6PD using Anti-G6PD Antibody (A00287-1).

ICC staining Glucose 6 Phosphate Dehydrogenase in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde

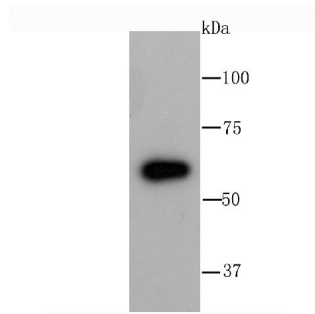


Figure 1. Western blotting validation for Anti-G6PD Antibody A00287-1

Western blot analysis of Glucose 6 Phosphate Dehydrogenase on A549 cell lysate using anti-Glucose 6 Phosphate Dehydrogenase antibody at 1/1

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