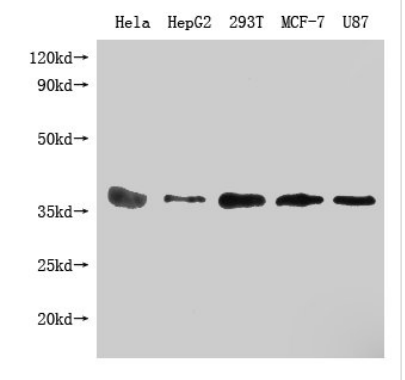
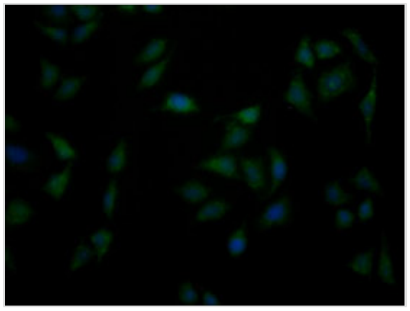
PPA1 Monoclonal Antibody

Product Code	CSB-MA614884A0m
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q15181
Immunogen	Recombinant Human Inorganic pyrophosphatase protein (1-289AA)
Raised In	Mouse
Species Reactivity	Human
Tested Applications	ELISA, WB, IF, FC; Recommended dilution: WB: 1:1000-1:5000, IF: 1:50-1:200, FC: 1:50-1:200
Relevance	cytoplasm, cytosol, extracellular exosome, inorganic diphosphatase activity, diphosphate metabolic process, phosphate-containing compound metabolic process, tRNA aminoacylation for protein translation
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG1
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Research Area	Cancer; Metabolism; Signal transduction
Target Names	PPA1
Clone No.	1H4E1

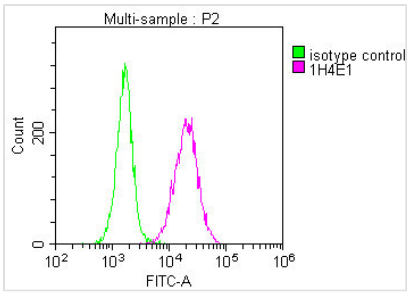
Image



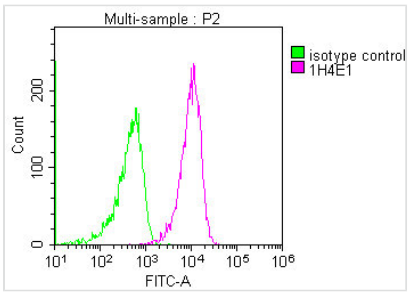
Western Blot
Positive WB detected in: PPA1 antibody at 1:1000
Lane 1: Hela whole cell lysate
Lane 2: HepG2 whole cell lysate
Lane 3: 293T whole cell lysate
Lane 4: MCF-7 whole cell lysate
Lane 5: U87 whole cell lysate
Secondary
Goat polyclonal to Mouse IgG at 1/20000 dilution
Predicted band size: 33KDa
Observed band size: 33 KDa
Exposure time: 5min



Immunofluorescence staining of Hela cells with CSB-MA614884A0m at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).



Overlay Peak curve showing HepG2 cells stained with CSB-MA614884A0m (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1*106cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.



Overlay Peak curve showing 293T cells stained with CSB-MA614884A0m (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1*106cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1µg/1*106cells) used under the same conditions. Acquisition of >10,000 events was performed.

Usage

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