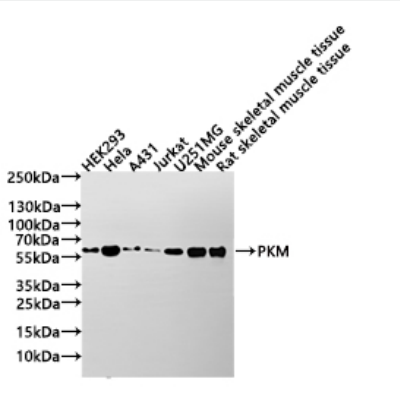
PKM Recombinant Monoclonal Antibody

Product Code	CSB-RA018072MA1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P14618
Immunogen	Recombinant Human PKM protein
Species Reactivity	Human, Mouse, Rat
Tested Applications	ELISA, WB, IHC, IF, FC; Recommended dilution: WB:1:500-1:2000, IHC:1:50-1:200, IF:1:50-1:200, FC:1:50-1:200
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	Affinity-chromatography
Isotype	hIgG1
Clonality	Monoclonal
Product Type	Recombinant Antibody
Immunogen Species	Homo sapiens (Human)
Target Names	PKM
Clone No.	6C3C7

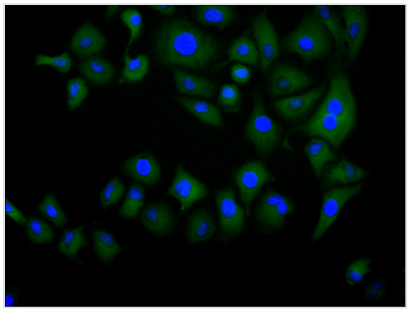
Image



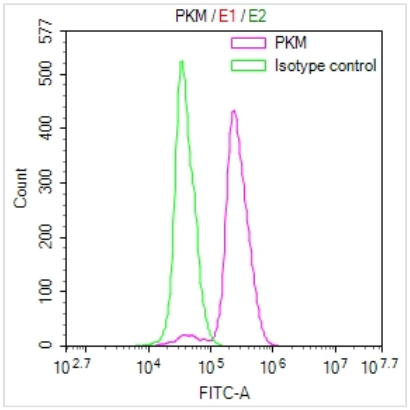
Western Blot
Positive WB detected in: HEK293 whole cell lysate(20µg), Hela whole cell lysate(20µg), A431 whole cell lysate(20µg), Jurkat whole cell lysate(20µg), U-251MG whole cell lysate(20µg), Mouse skeletal muscle tissue lysate(20µg), Rat skeletal muscle tissue lysate(20µg)
All lanes: PKM antibody at 1:1000
Secondary
Goat polyclonal to human IgG at 1/40000 dilution
Predicted band size: 58 kDa
Observed band size: 58 kDa
Exposure time: 90s

IHC image of CSB-RA018072MA1HU diluted at 1?50 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-human polymer IgG labeled by HRP and

visualized using 0.05% DAB.



Immunofluorescence staining of Hela cell with CSB-RA018072MA1HU at 1:30 ,counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Fluorescein (FITC) AffiniPure Goat Anti-Human IgG, Fcγ fragment specific.



Overlay Peak curve showing HepG2 cells stained with CSB-RA018072MA1HU (red line) at 1:100. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100 for 10min. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10^6cells) for 45min at 4?. The secondary antibody used was Fluorescein (FITC) AffiniPure Goat Anti-Human IgG, Fcγ fragment specific at 1:200 dilution for 35min at 4?.Control antibody (green line) was human IgG1 (1ug/1*10^6cells) 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.