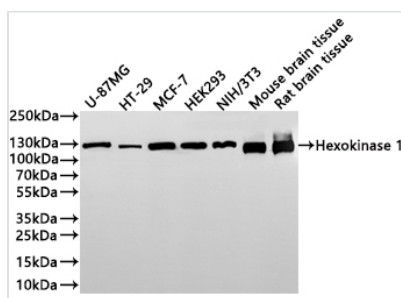




# HK1 Recombinant Monoclonal Antibody

|                            |                                                                                                                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-RA825804A0HU                                                                                                              |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                 |
| <b>Uniprot No.</b>         | P19367                                                                                                                        |
| <b>Immunogen</b>           | A synthesized peptide from human HK1 protein                                                                                  |
| <b>Species Reactivity</b>  | Human, Mouse, Rat                                                                                                             |
| <b>Tested Applications</b> | ELISA, WB, IHC, FC; Recommended dilution: WB:1:500-1:2000, IHC:1:50-1:200, FC:1:50-1:200                                      |
| <b>Form</b>                | Liquid                                                                                                                        |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                |
| <b>Storage Buffer</b>      | Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol. |
| <b>Purification Method</b> | Affinity-chromatography                                                                                                       |
| <b>Isotype</b>             | Rabbit IgG                                                                                                                    |
| <b>Clonality</b>           | Monoclonal                                                                                                                    |
| <b>Product Type</b>        | Recombinant Antibody                                                                                                          |
| <b>Immunogen Species</b>   | Homo sapiens (Human)                                                                                                          |
| <b>Target Names</b>        | HK1                                                                                                                           |
| <b>Clone No.</b>           | 14E8                                                                                                                          |

## Image



### Western Blot

Positive WB detected in: U-87MG whole cell lysate(30μg), HT-29 whole cell lysate(30μg), MCF-7 whole cell lysate(30μg), HEK293 whole cell lysate(30μg), NIH/3T3 whole cell lysate(30μg), Mouse brain tissue lysate(30μg), Rat brain tissue lysate(30μg)

All lanes: Hexokinase 1 antibody at 1:1000

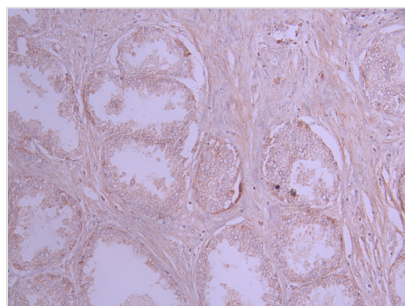
### Secondary

Goat polyclonal to rabbit IgG at 1/40000 dilution

Predicted band size: 102 kDa

Observed band size: 120-130 kDa

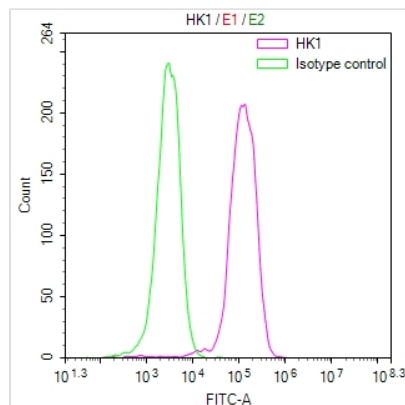
Exposure time?2min



IHC image of CSB-RA825804A0HU diluted at 1:100 and staining in paraffin-embedded human prostate cancer 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-rabbit polymer IgG labeled by HRP and



visualized using 0.05% DAB.



Overlay Peak curve showing MCF-7 cells stained with CSB-RA825804A0HU (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<sup>6</sup>cells) for 45min at 4?. The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 35min at 4?. Control antibody (green line) was Rabbit IgG (1ug/1\*10<sup>6</sup>cells) 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.