

## HK1

**Reactivity:**Human Mouse Rat

**Tested applications:**WB IHC ICC IF IP FC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100  
IP 1:20 - 1:50 FC 1:20 - 1:50

**Calculated MW:**102 kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human HK1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HK; HKD; HKI; HXK1; HMSNR; HK1-ta; HK1-tb; HK1-tc; hexokinase;

**Catalog #:**A10886

**Antibody Type:**

Monoclonal Antibody

**Species:**Rabbit

**Gene ID:**3098

**Isotype:**IgG

**Swiss Prot:**P19367

**Purity:**Affinity purification

For research use only.

**Background:**

Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes a ubiquitous form of hexokinase which localizes to the outer membrane of mitochondria. Mutations in this gene have been associated with hemolytic anemia due to hexokinase deficiency. Alternative splicing of this gene results in several transcript variants which encode different isoforms, some of which are tissue-specific.

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