

<b>Cat. No:</b>	AB-84305
<b>Size:</b>	100ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-120 of human HK2
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
<b>Molecular Weight:</b>	102kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	HK2;HKII;HXK2;hexokinase-2
<b>Background:</b>	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes hexokinase 2, the predominant form found in skeletal muscle. It localizes to the outer membrane of mitochondria. Expression of this gene is insulin-responsive, and studies in rat suggest that it is involved in the increased rate of glycolysis seen in rapidly growing cancer cells.
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 0.02% sodium azide, 50% glycerol, Ph7.3.
<b>Storage:</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.

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