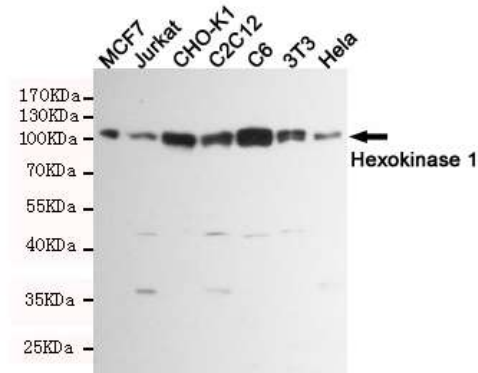


Anti-Hexokinase 1 Antibody (6B8-G11-E7)

CATALOG NO:	A1330-100
AMOUNT:	100 µg
ALTERNATIVE NAMES:	Hexokinase-1, Brain form hexokinase, Hexokinase type I, HK I
CLONALITY:	Monoclonal
CLONE:	6B8-G11-E7
Host/ISOTYPE:	Mouse IgG1
IMMUNOGEN:	Recombinant human Hexokinase 1 protein fragments expressed in <i>E.coli</i>
MOLECULAR WEIGHT:	102 kDa
SPECIES REACTIVITY:	Human
SPECIFICITY:	This antibody detects endogenous levels of Hexokinase 1 and does not cross-react with related proteins.
PURIFICATION:	Affinity purified
FORM:	Liquid
FORMULATION:	Purified mouse monoclonal in PBS (pH 7.4) containing with 0.02% sodium azide and 50% glycerol
STORAGE CONDITIONS:	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	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 five transcript variants which encode different isoforms, some of which are tissue-specific. Each isoform has a distinct N-terminus; the remainder of the protein is identical among all the isoforms. A sixth transcript variant has been described, but due to the presence of several stop codons, it is not thought to encode a protein.
APPLICATION:	WB; 1:1000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot detection of Hexokinase 1 in MCF7, Jurkat, CHO-K1, C2C12, C6, 3T3 and HeLa cell lysates using Hexokinase 1 Antibody

RELATED PRODUCTS:

- 5-hmC polyclonal antibody (rabbit) (**Cat. No. 6830**)
- Acetyl Lysine (Biotin) Antibody (**6125**)
- Acetyl-Histone H2A Antibody (**3653**)
- Anti- c-Myb Antibody (**A1212**)

FOR RESEARCH USE ONLY! Not to be used on humans.