

ARG55899 anti-Hexokinase 2 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Hexokinase 2
Tested Reactivity	Ms, Rat, Mk
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	Hexokinase 2
Species	Human
Immunogen	Recombinant Human Hexokinase II protein.
Conjugation	Un-conjugated
Alternate Names	Muscle form hexokinase; HK II; Hexokinase-2; Hexokinase type II; EC 2.7.1.1; HXK2; HKII

Application Instructions

Application table	Application	Dilution
	WB	1:500
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

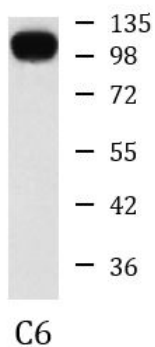
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4), 0.03% Proclin-300 and 50% Glycerol
Preservative	0.03% Proclin-300
Stabilizer	50% Glycerol
Concentration	0.7 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 15277 Mouse GeneID: 25059 Rat Swiss-port # O08528 Mouse Swiss-port # P27881 Rat
Gene Symbol	HK2
Gene Full Name	hexokinase 2
Background	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. [provided by RefSeq, Apr 2009]
Calculated Mw	102 kDa
Cellular Localization	Mitochondrion outer membrane

Images



ARG55899 anti-Hexokinase 2 antibody WB image

Western blot: C6 cell lysate stained with ARG55899 anti-Hexokinase 2 antibody at 1:500 dilution.