

## ARG67236 anti-Hexokinase 2 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody recognizes Hexokinase 2
Tested Reactivity	Hu
Tested Application	ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Target Name	Hexokinase 2
Species	Human
Conjugation	Un-conjugated
Alternate Names	HK2; Hexokinase 2; Muscle Form Hexokinase; Hexokinase Type II; Hexokinase-2; Hexokinase-B; EC 2.7.1.1; Hexokinase-2, Muscle; EC 2.7.1; HK II; HKII; HXK2

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:100 - 1:200
	IHC-P	1:50 - 1:100
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

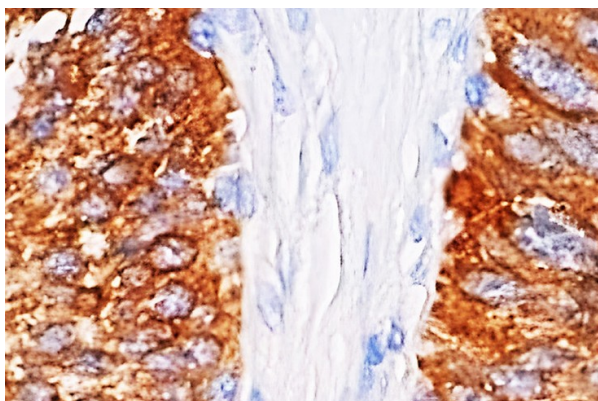
### Properties

Form	Liquid
Purification	Affinity purified
Buffer	PBS (pH 7.0), 0.025% ProClin 300 and 20% Glycerol.
Preservative	0.025% ProClin 300
Stabilizer	20% Glycerol
Concentration	0.5 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 or below. 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

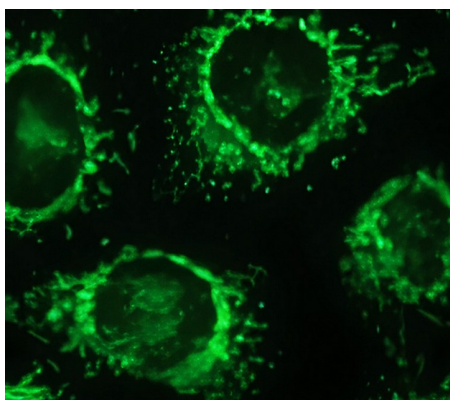
Gene Symbol	HK2
Gene Full Name	Hexokinase 2
Background	Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes hexokinase 2, the predominant form found in skeletal muscle. It localizes to the outer membrane of mitochondria. 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]
Function	Plays a key role in maintaining the integrity of the outer mitochondrial membrane by preventing the release of apoptogenic molecules from the intermembrane space and subsequent apoptosis. [Uniprot]
Calculated Mw	102 kDa
PTM	Acetylation. [Uniprot]
Cellular Localization	Cytoplasm, Membrane, Mitochondrion, Mitochondrion outer membrane. [Uniprot]

## Images



ARG67236 anti-Hexokinase 2 antibody IHC-P image

Immunohistochemistry: Human epididymis stained with ARG67236 anti-Hexokinase 2 antibody.



ARG67236 anti-Hexokinase 2 antibody ICC/IF image

Immunofluorescence: HeLa stained with ARG67236 anti-Hexokinase 2 antibody at 1:100 dilution.

ARG67236 anti-Hexokinase 2 antibody WB image

Western blot: HeLa stained with ARG67236 anti-Hexokinase 2 antibody at 1:500 dilution.

