

Mouse anti-Human HXK II Monoclonal Antibody | anti-HXKII antibody

HXK II Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320108	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

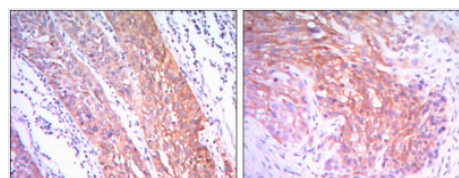
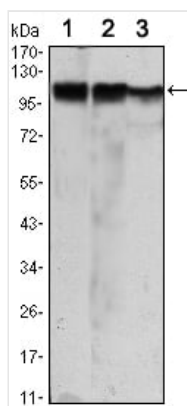
PRODUCT SYNONYMS

HXK II; Monoclonal Antibody; HXK II Monoclonal Antibody; Hexokinase-2; HK2; Hexokinase type II; HK II; Muscle form hexokinase; anti-HXKII antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	HXK II Monoclonal Antibody detects endogenous levels of HXK II protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-HXKII antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human HXK II expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

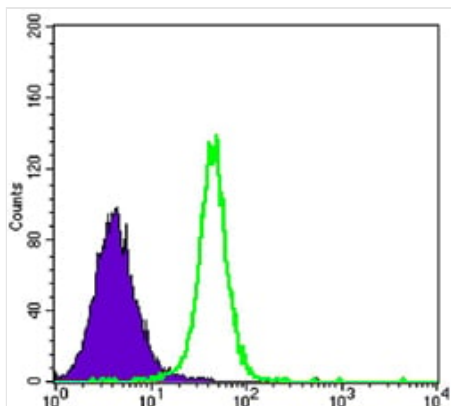


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded esophagus cancer tissues (left) and human lung cancer (right) with DAB staining using HXK II Monoclonal Antibody.

FCM/FACS (Flow Cytometry)

Flow cytometric analysis of K562 cells using HXK II Monoclonal Antibody (green) and negative control (purple).



WB (Western Blot)

Western Blot analysis using HXK II Monoclonal Antibody against Jurkat (1). HeLa (2) and HEK293 (3) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-HXKII antibody	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]
Product Categories/Family for anti-HXKII antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	39963174
NCBI GeneID	3099
UniProt Accession #	P52789; Q8WU87; Q9UN82; D6W5J2
Molecular Weight	102,380 Da
NCBI Official Full Name	Hexokinase 2
NCBI Official Synonym Full Names	hexokinase 2
NCBI Official Symbol	HK2
NCBI Official Synonym Symbols	HKII; HXK2
NCBI Protein Information	hexokinase-2; HK II; hexokinase type II; hexokinase-2, muscle; muscle form hexokinase
UniProt Protein Name	Hexokinase-2
UniProt Gene Name	HK2
UniProt Synonym Gene Names	HK II
UniProt Entry Name	HXK2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/hxk-ii-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/320108>