

Recombinant

DGRmAb®

Hexokinase II (DGR15838) Rabbit mAb (PBS Only)

db13142-PBS

Package : 100µg

Product Name : Hexokinase II (DGR15838) Rabbit mAb (PBS Only)**Cat.No.:** db13142-PBS**Synonyms** : HKII; HXK2**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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]

Immunogen

Recombinant protein of human Hexokinase II

Gene ID

3099

Swiss Prot

P52789

Synonyms

HKII; HXK2

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:500
ICC/IF: 1:100
FC: 1:50-1:100
IP: 1:20-1:50**Calculated MW**

102 kDa

Observed MW

102 kDa

Host species

Rabbit

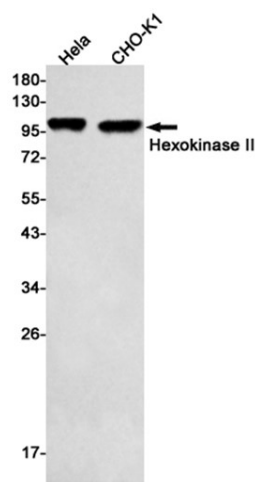
Clonality

Monoclonal

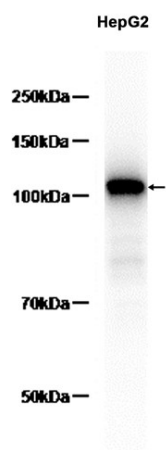
Clonality No.

DGR15838

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of Hexokinase II in HeLa,CHO-K1 cell lysates using [db13142](#)(1:500 diluted).



Western blot analysis of extracts from HepG2 cells using [db13142](#)