

Recombinant

DGRmAb®

Hexokinase 1 (DGR16439) Rabbit mAb (AF488)

db11509-DL488

Package : 100µL

Product Name : Hexokinase 1 (DGR16439) Rabbit mAb (AF488)**Cat.No.:** db11509-DL488**Synonyms** : HK; HKD; HKI; HXK1; RP79; HMSNR; HK1-ta; HK1-tb; HK1-tc; hexokinase**Application** : IHC-P, ICC/IF, FC**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 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 several transcript variants which encode different isoforms, some of which are tissue-specific. [provided by RefSeq, Apr 2016]

Immunogen

A synthetic peptide of human Hexokinase 1

Gene ID

3098

Swiss Prot

P19367

Synonyms

HK; HKD; HKI; HXK1; RP79; HMSNR; HK1-ta; HK1-tb; HK1-tc; hexokinase

Reactivity

Human, Mouse, Rat

Application

IHC-P, ICC/IF, FC

Recommended dilution

ICC/IF: 1:200

Calculated MW

103 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16439

Isotype

IgG

Purity

Affinity Purification

Conjugation

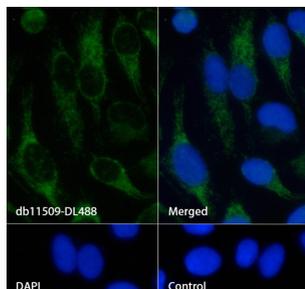
AF488

Concentration

1 mg/mL

Storage Stability

Store at -20°C. Avoid exposure to light. Supplied in PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling Hexokinase 1 with db11509-DL488.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11509-DL488 (1:200, shown in green) at room temprature for 1h. Nuclear DNA was labeled in blue with DAPI.

Control: DAPI only.