Recombinant DGRmAb®

Hexokinase 1 (DGR16439) Rabbit mAb (AF488)

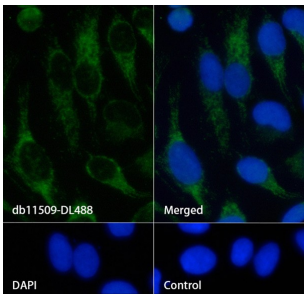
db11509-DL488 **Package : 100μL**

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℃) 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.