Recombinant DGRmAb®

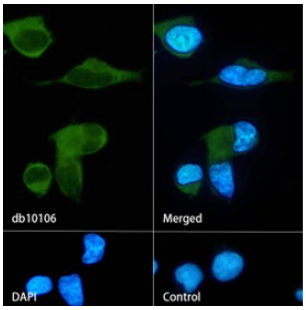
GAPDH (DGR11217) Rabbit mAb (FITC)

db11729-FITC **Package : 100μL**

Product Name : GAPDH (DGR11217) Rabbit mAb (FITC)
Cat.No.: db11729-FITC
Synonyms : G3PD; GAPD; HEL-S-162eP
Application : ICC/IF, FC
Reactivity : Human,Mouse,Rat,Monkey,Rabbit,Chicken,Zebrafish,Rabbit,Xenopus tropicalis,Chinese hamster,E. Escherichia coli
Host species : Rabbit

Background	This gene encodes a member of the glyceraldehyde-3-phosphate dehydrogenase protein family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. The encoded protein was originally identified as a key glycolytic enzyme that converts D-glyceraldehyde 3-phosphate (G3P) into 3-phospho-D-glyceroyl phosphate. Subsequent studies have assigned a variety of additional functions to the protein including nitrosylation of nuclear proteins, the regulation of mRNA stability, and acting as a transferrin receptor on the cell surface of macrophage. Alternative splicing results in multiple transcript variants. Many pseudogenes similar to this locus are found throughout the mouse genome. [provided by RefSeq, Jan 2014]
Immunogen	Recombinant protein of human GAPDH
Gene ID	14433
Swiss Prot	P16858
Synonyms	G3PD; GAPD; HEL-S-162eP
Reactivity	Human,Mouse,Rat,Monkey,Rabbit,Chicken,Zebrafish,Rabbit,Xenopus tropicalis,Chinese hamster,E. Escherichia coli
Application	ICC/IF, FC
Recommended dilution	ICC/IF: 1:100-1:200 FC: 1:100
Calculated MW	36 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11217

Isotype	IgG
Purity	Affinity Purification
Conjugation	FITC
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 GAPDH with db11729-FITC.

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 db11729-FITC (1:100， shown in green) at room temprature for 1h. Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.