

Recombinant

DGRmAb®

GAPDH (DGR11217) Rabbit mAb (AF488)

db11729-DL488

Package : 100µL

Product Name : GAPDH (DGR11217) Rabbit mAb (AF488)**Cat.No.:** db11729-DL488**Synonyms :** G3PD; GAPD; HEL-S-162eP**Application :** IHC-P, 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

IHC-P, ICC/IF, FC

Recommended dilution

ICC/IF: 1:500

Calculated MW

36 kDa

Host species

Rabbit

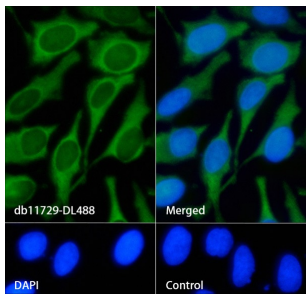
Clonality

Monoclonal

Clonality No.

DGR11217

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 GAPDH with db11729-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 db11729-DL488 (1:500, shown in green) at room temprature for 1h. Nuclear DNA was labeled in blue with DAPI.

Control: DAPI only.