

Glucokinase Conjugated Antibody

Catalog No: #C56725



Package Size: #C56725-AF350 100ul #C56725-AF405 100ul #C56725-AF488 100ul
 #C56725-AF555 100ul #C56725-AF594 100ul #C56725-AF647 100ul
 #C56725-AF680 100ul #C56725-AF750 100ul #C56725-Biotin 100ul

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Description

Product Name	Glucokinase Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	Glucokinase Antibody detects endogenous levels of total Glucokinase
Immunogen Description	A synthesized peptide derived from human Glucokinase
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	GCK; GK; GLK; Glucokinase; HHF3; HK IV; HK4; HKIV; HXKP; LGLK; MODY2;
Accession No.	Uniprot:P35557
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	52kDa
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Catalyzes the initial step in utilization of glucose by the beta-cell and liver at physiological glucose concentration. Glucokinase has a high K_m for glucose, and so it is effective only when glucose is abundant. The role of GCK is to provide G6P for the synthesis of glycogen.

Note: This product is for in vitro research use only