

HBG1/2 Conjugated Antibody

Catalog No: #C56150



Package Size: #C56150-AF350 100ul #C56150-AF405 100ul #C56150-AF488 100ul
 #C56150-AF555 100ul #C56150-AF594 100ul #C56150-AF647 100ul
 #C56150-AF680 100ul #C56150-AF750 100ul #C56150-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	HBG1/2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	HBG1/2 Antibody detects endogenous levels of total HBG1/2
Immunogen Description	A synthesized peptide derived from human HBG1/2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Gamma 1 globin; Gamma 2 globin; Gamma A hemoglobin; Gamma globin; Hb F Agamma; Hb F Ggamma; HBG1; HBG2; HBGA; HBGR;
Accession No.	Uniprot:P69891/P69892
Uniprot	P69891/P69892
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	12kDa
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

The two types of gamma chains differ at residue 136 where glycine is found in the G-gamma product (HBG2) and alanine is found in the A-gamma product (HBG1). The former is predominant at birth. The order of the genes in the beta-globin cluster is: 5'-epsilon -- gamma-G -- gamma-A -- delta -- beta--3'.

Note: This product is for in vitro research use only