

## fetal hemoglobin Conjugated Antibody

Catalog No: #C56673



Package Size: #C56673-AF350 100ul #C56673-AF405 100ul #C56673-AF488 100ul  
 #C56673-AF555 100ul #C56673-AF594 100ul #C56673-AF647 100ul  
 #C56673-AF680 100ul #C56673-AF750 100ul #C56673-Biotin 100ul

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## Description

Product Name	fetal hemoglobin Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	fetal hemoglobin Antibody detects endogenous levels of total fetal hemoglobin
Immunogen Description	A synthesized peptide derived from human fetal hemoglobin
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	HBG1; HBG2; HBGA; HBGR; Hemoglobin gamma A; Hemoglobin gamma G; Hemoglobin subunit gamma 1; Hemoglobin subunit gamma 2; HSGGL1; PRO2979;
Accession No.	Uniprot:P69891/P69892
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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	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

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## Product Description

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The gamma globin genes (HBG1 and HBG2) are normally expressed in the fetal liver, spleen and bone marrow. Two gamma chains together with two alpha chains constitute fetal hemoglobin (HbF) which is normally replaced by adult hemoglobin (HbA) at birth.

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Note: This product is for in vitro research use only