

Hemoglobin gamma-1/2 Recombinant Antibody | HBG1 recombinant antibody

Recombinant Anti-Hemoglobin gamma-1/2 Rabbit mAb

CATALOG # AAA266377	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Hemoglobin gamma-1/2; Monoclonal Recombinant Antibody; Recombinant Anti-Hemoglobin gamma-1/2 Rabbit mAb; Hemoglobin subunit gamma-1; Gamma-1-globin; Hb F Agamma; Hemoglobin gamma-1 chain; Hemoglobin gamma-A chain; Hemoglobin subunit gamma-2; Gamma-2-globin; Hb F Ggamma; Hemoglobin gamma-2 chain; Hemoglobin gamma-G chain; HBG1 recombinant antibody

PRODUCT SPECIFICATIONS

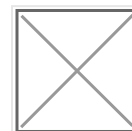
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Hemoglobin gamma-1/2 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for HBG1 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human Hemoglobin gamma-1/2. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Hemoglobin gamma-1/2 staining in COS7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of Hemoglobin gamma-1/2 expression in K562 (A) whole cell lysates. (Predicted band size: 16 kD; Observed band size: 12 kD)

ADDITIONAL INFORMATION

Related Product Information for HBG1 recombinant antibody	Recombinant rabbit monoclonal antibody to Hemoglobin gamma-1/2
Product Categories/Family for HBG1 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	28302131
NCBI GeneID	3047
NCBI Accession #	NP_000550.2
NCBI GenBank Nucleotide #	NM_000559.2
UniProt Accession #	P69891; P69892
Molecular Weight	16,140 Da
NCBI Official Full Name	hemoglobin subunit gamma-1
NCBI Official Synonym Full Names	hemoglobin, gamma A
NCBI Official Symbol	HBG1
NCBI Official Synonym Symbols	HBGA; HBGR; HBG-T2; HSGGL1; PRO2979
NCBI Protein Information	hemoglobin subunit gamma-1; A-gamma globin; gamma A hemoglobin; gamma-1-globin; hb F Agamma; hemoglobin gamma-1 chain; hemoglobin gamma-a chain; hemoglobin, gamma, regulator of
UniProt Protein Name	Hemoglobin subunit gamma-1
UniProt Gene Name	HBG1
UniProt Entry Name	HBG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hemoglobin-gamma-1-2-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266377>