

Product Name: HBG1/2 Rabbit Monoclonal Antibody
Catalog #: AMRe83917



Summary

Production Name	HBG1/2 Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	HBG1/2
Alternative Names	Gamma 1 globin; Gamma 2 globin; Gamma A hemoglobin; Gamma globin; Hb F Agamma; Hb F Ggamma; HBG1; HBG2; HBGA; HBGR;; Hemoglobin gamma 1/2
Gene ID	
SwissProt ID	P69891/P69892.A synthesized peptide derived from human Hemoglobin gamma 1

Application

Dilution Ratio	WB:1:1000-1:2000
Molecular Weight	Calculated MW: 16 kDa ; Observed MW: 12 kDa

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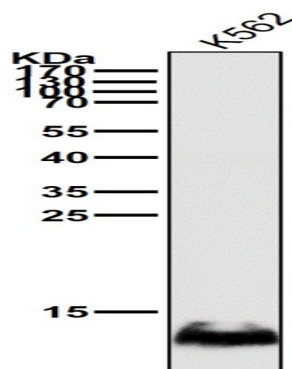


Background

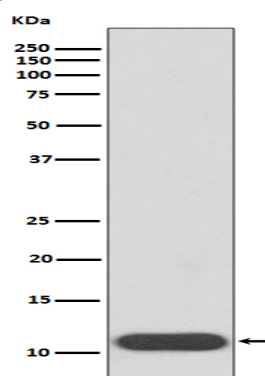
The two types of gamma chains differ at residue 136 where glycine is found in the G-gamma product (HBG2) and alanine is found in the A-gamma product (HBG1). The former is predominant at birth. The order of the genes in the beta-globin cluster is: 5'-epsilon -- gamma-G -- gamma-A -- delta -- beta--3'.

Research Area

Image Data



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of HBG1/2 expression in K562 cell lysate.

Note

For research use only.