

## Anti-Hemoglobin gamma 1/2 Antibody (2W221)

### Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2W221
Purification:	Affinity-chromatography

### Applications

Verified Activity:	Western blot analysis of fetal hemoglobin expression in K562 cell lysate.
Application:	WB
Recommended	WB: 1:1000-1:2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthesized peptide: human Hemoglobin gamma 1
Synonyms:	PRO2979;HSGGL1;Hemoglobin subunit gamma 2;Hemoglobin gamma G;HBG2;HBGR;HBGA; Hemoglobin subunit gamma 1;Hemoglobin gamma A;HBG1

### Research 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'.

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