

Recombinant

DGRmAb®

## fetal hemoglobin (DGR16773) Rabbit mAb

db14802

Package : 10µL 20µL 50µL 100µL

**Product Name** : fetal hemoglobin (DGR16773) Rabbit mAb**Cat.No.:** db14802**Synonyms** : HBGA; HBGR; HBG-T2; HSGGL1; PRO2979**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

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. In some beta-thalassemias and related conditions, gamma chain production continues into adulthood. 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'. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human fetal hemoglobin

**Gene ID**

3047, 3048

**Swiss Prot**

P69891, P69892

**Synonyms**

HBGA; HBGR; HBG-T2; HSGGL1; PRO2979

**Reactivity**

Human

**Application**

WB

**Recommended dilution**

WB: 1:1000-1:5000

**Calculated MW**

16 kDa

**Observed MW**

14 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

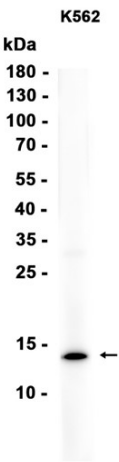
**Clonality No.**

DGR16773

**Isotype**

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from K562 cells using db14802 at 1:1000.