

Recombinant

DGRmAb®

fetal hemoglobin (DGR32659) Rabbit mAb (PBS Only)

db13394-PBS

Package : 100µg

Product Name : fetal hemoglobin (DGR32659) Rabbit mAb (PBS Only)**Cat.No.:** db13394-PBS**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

Swiss Prot

P69891

Synonyms

HBGA; HBGR; HBG-T2; HSGGL1; PRO2979

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

16 kDa

Observed MW

16 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR32659

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.