

Recombinant

DGRmAb®

**Calsequestrin 2 (DGR33282) Rabbit mAb**

db13217

Package : 10µL 20µL 50µL 100µL

**Product Name :** Calsequestrin 2 (DGR33282) Rabbit mAb**Cat.No.:** db13217**Synonyms :** PDIB2**Application :** WB**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene specifies the cardiac muscle family member of the calsequestrin family. Calsequestrin is localized to the sarcoplasmic reticulum in cardiac and slow skeletal muscle cells. The protein is a calcium binding protein that stores calcium for muscle function. Mutations in this gene cause stress-induced polymorphic ventricular tachycardia, also referred to as catecholaminergic polymorphic ventricular tachycardia 2 (CPVT2), a disease characterized by bidirectional ventricular tachycardia that may lead to cardiac arrest. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human Calsequestrin 2

**Gene ID**

845

**Swiss Prot**

O14958

**Synonyms**

PDIB2

**Reactivity**

Human,Mouse,Rat

**Application**

WB

**Recommended dilution**

WB: 1:1000-1:5000

**Calculated MW**

46 kDa

**Observed MW**

56 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR33282

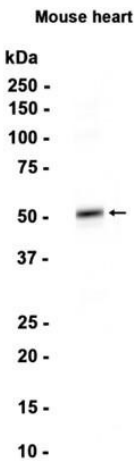
**Isotype**

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 Mouse heart tissue using db13217 at 1:1000.