

Recombinant

DGRmAb®

## P4HB (DGR20202) Rabbit mAb

db11260

Package : 10μL 20μL 50μL 100μL

**Product Name** : P4HB (DGR20202) Rabbit mAb**Cat.No.:** db11260**Synonyms** : PDI; PDA2; PDIP; PDIR**Application** : WB, FC**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, two catalytically active thioredoxin (TRX) domains, two TRX-like domains and a C-terminal ER-retention sequence. The protein plays a role in the folding of nascent proteins in the endoplasmic reticulum by forming disulfide bonds through its thiol isomerase, oxidase, and reductase activity. The encoded protein also possesses estradiol-binding activity and can modulate intracellular estradiol levels. [provided by RefSeq, Sep 2017]

**Immunogen**

A synthetic peptide of human PDIA2

**Gene ID**

64714

**Swiss Prot**

P07237

**Synonyms**

PDI; PDA2; PDIP; PDIR

**Reactivity**

Human,Mouse,Rat

**Application**

WB, FC

**Recommended dilution**

WB: 1:2000-1:20000

FC: 1:100

**Calculated MW**

58 kDa

**Observed MW**

58 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR20202

**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 detection of PDIA2 in K562,C6 cell lysates using PDIA2 antibody(1:1000 diluted).   |