

Recombinant

DGRmAb®

## Prostaglandin dehydrogenase 1 (DGR13005) Rabbit mAb

db12336

Package : 10µL 20µL 50µL 100µL

**Product Name** : Prostaglandin dehydrogenase 1 (DGR13005) Rabbit mAb**Cat.No.:** db12336**Synonyms** : PGDH; PGDH1; PHOAR1; 15-PGDH; SDR36C1**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a member of the short-chain nonmetalloenzyme alcohol dehydrogenase protein family. The encoded enzyme is responsible for the metabolism of prostaglandins, which function in a variety of physiologic and cellular processes such as inflammation. Mutations in this gene result in primary autosomal recessive hypertrophic osteoarthropathy and cranioosteoarthropathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

**Immunogen**

Recombinant protein of human Prostaglandin dehydrogenase 1

**Gene ID**

3248

**Swiss Prot**

P15428

**Synonyms**

PGDH; PGDH1; PHOAR1; 15-PGDH; SDR36C1

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:500-1:2000

ICC/IF: 1:100-1:200

FC: 1:50-1:100

**Calculated MW**

29 kDa

**Observed MW**

25 kDa

**Host species**

Rabbit

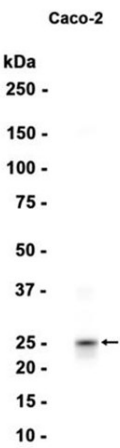
**Clonality**

Monoclonal

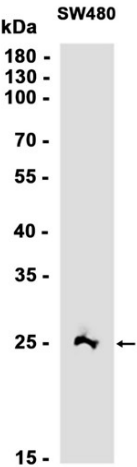
**Clonality No.**

DGR13005

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 Caco-2 cells using db12336 at 1:1000.



Western blot analysis of extracts from SW480 cells using db12336 at 1:1000.