

Recombinant

DGRmAb®

PEPD (DGR19739) Rabbit mAb

db13324

Package : 10µL 20µL 50µL 100µL

Product Name : PEPD (DGR19739) Rabbit mAb**Cat.No.:** db13324**Synonyms** : PROLIDASE**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a member of the peptidase family. The protein forms a homodimer that hydrolyzes dipeptides or tripeptides with C-terminal proline or hydroxyproline residues. The enzyme serves an important role in the recycling of proline, and may be rate limiting for the production of collagen. Mutations in this gene result in prolidase deficiency, which is characterized by the excretion of large amount of di- and tri-peptides containing proline. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009]

Immunogen

A synthetic peptide of human PEPD

Gene ID

5184

Swiss Prot

P12955

Synonyms

PROLIDASE

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000

Calculated MW

55 kDa

Observed MW

55 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19739

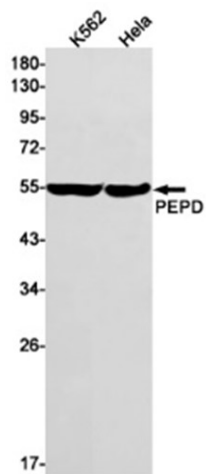
Isotype

IgG

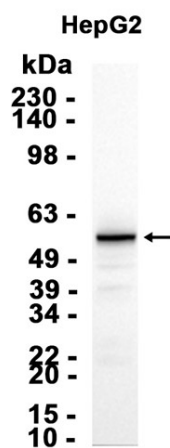
Purity

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 PEPD in K562,HeLa cell lysates using PEPD antibody(1:1000 diluted).



Western blot analysis of extracts from HepG2 cells using db13324 at 1:1000.