

Recombinant

DGRmAb®

## PON2 (DGR19916) Rabbit mAb

db11570

Package : 10µL 20µL 50µL 100µL

**Product Name** : PON2 (DGR19916) Rabbit mAb**Cat.No.:** db11570**Synonyms** : A-esterase 2**Application** : WB, IHC-P, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a member of the paraoxonase gene family, which includes three known members located adjacent to each other on the long arm of chromosome 7. The encoded protein is ubiquitously expressed in human tissues, membrane-bound, and may act as a cellular antioxidant, protecting cells from oxidative stress. Hydrolytic activity against acylhomoserine lactones, important bacterial quorum-sensing mediators, suggests the encoded protein may also play a role in defense responses to pathogenic bacteria. Mutations in this gene may be associated with vascular disease and a number of quantitative phenotypes related to diabetes. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

**Immunogen**

Recombinant protein of human PON2

**Gene ID**

5445

**Swiss Prot**

Q15165

**Synonyms**

A-esterase 2

**Reactivity**

Human

**Application**

WB, IHC-P, IP

**Recommended dilution**

WB: 1:2000-1:20000

IHC-P: 1:100

IP: 1:50-1:100

**Calculated MW**

39 kDa

**Observed MW**

40-42 kDa

**Host species**

Rabbit

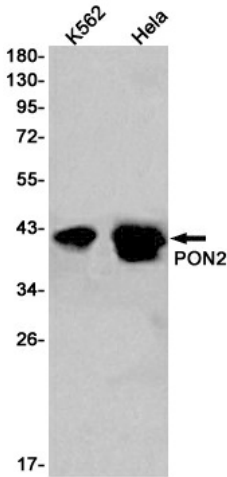
**Clonality**

Monoclonal

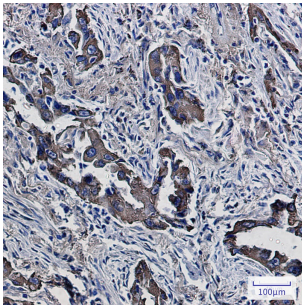
**Clonality No.**

DGR19916

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 PON2 in K562,HeLa cell lysates using PON2 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11570 antibody.