

Recombinant

DGRmAb®

SOD2 (DGR12768) Rabbit mAb

db15723

Package : 10µL 20µL 50µL 100µL

Product Name : SOD2 (DGR12768) Rabbit mAb**Cat.No.:** db15723**Synonyms** : IPOB; IPO-B; MNSOD; MVCD6; Mn-SOD**Application** : WB, IHC-P**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene is a member of the iron/manganese superoxide dismutase family. It encodes a mitochondrial protein that forms a homotetramer and binds one manganese ion per subunit. This protein binds to the superoxide byproducts of oxidative phosphorylation and converts them to hydrogen peroxide and diatomic oxygen. Mutations in this gene have been associated with idiopathic cardiomyopathy (IDC), premature aging, sporadic motor neuron disease, and cancer. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene has been identified on chromosome 1. [provided by RefSeq, Apr 2016]

Immunogen

A synthetic peptide of human SOD2

Gene ID

6648

Swiss Prot

P04179

Synonyms

IPOB; IPO-B; MNSOD; MVCD6; Mn-SOD

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Recommended dilution

WB: 1:1000

IHC-P: 1:100-1:200

Calculated MW

25 kDa

Observed MW

25 kDa

Host species

Rabbit

Clonality

Monoclonal

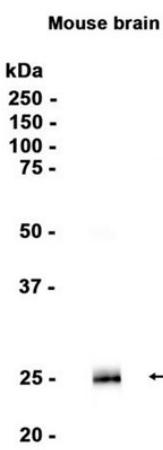
Clonality No.

DGR12768

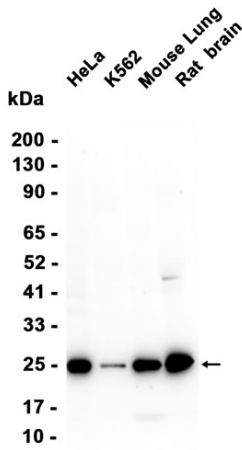
Isotype

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 brain tissue using db15723 at 1:1000.



Western blot analysis of extracts from HeLa, K562 cells and Mouse lung, Rat brain tissue using db15723 at 1:500.