

Recombinant

DGRmAb®

MMP9 (DGR16245) Rabbit mAb

db12842

Package : 10µL 20µL 50µL 100µL

Product Name : MMP9 (DGR16245) Rabbit mAb**Cat.No.:** db12842**Synonyms :** Clg4b; Gel B; MMP-9; B/MMP9; AW743869; pro-MMP-9**Application :** WB, IHC-P, IP**Reactivity :** Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a member of the matrix metalloproteinase family of extracellular matrix-degrading enzymes that are involved in tissue remodeling, wound repair, progression of atherosclerosis and tumor invasion. The encoded preproprotein undergoes proteolytic processing to generate a mature, zinc-dependent endopeptidase enzyme that degrades collagens of type IV, V and XI, and elastin. Mice lacking the encoded protein exhibit an abnormal pattern of skeletal growth plate vascularization and ossification, reduced keratinocyte hyperproliferation at all neoplastic stages, a decreased incidence of invasive tumors, and resistance to experimental autoimmune encephalomyelitis. [provided by RefSeq, Feb 2016]

Immunogen

Recombinant protein of mouse MMP9

Gene ID

17395

Swiss Prot

P41245

Synonyms

Clg4b; Gel B; MMP-9; B/MMP9; AW743869; pro-MMP-9

Reactivity

Mouse,Rat

Application

WB, IHC-P, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:1000-1:5000
IP: 1:20-1:50**Calculated MW**

81 kDa

Observed MW

92 kDa

Host species

Rabbit

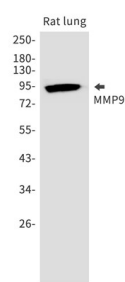
Clonality

Monoclonal

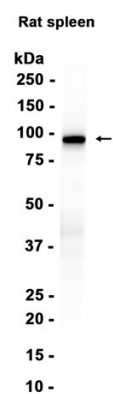
Clonality No.

DGR16245

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 MMP9 in Rat lung cell lysates using MMP9 antibody.



Western blot analysis of extracts from Rat spleen tissue using db12842 at 1:1000.