

Recombinant

DGRmAb®

MMP9 (DGR16245) Rabbit mAb (PBS Only)

db12842-PBS

Package : 100µg

Product Name : MMP9 (DGR16245) Rabbit mAb (PBS Only)**Cat.No.:** db12842-PBS**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

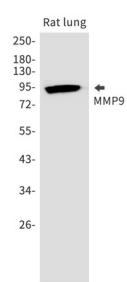
Clonality

Monoclonal

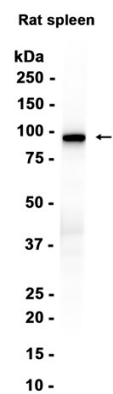
Clonality No.

DGR16245

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of MMP9 in Rat lung cell lysates using [db12842](#).



Western blot analysis of extracts from Rat spleen tissue using [db12842](#)