

Recombinant

DGRmAb®

**MMP9 (DGR16245) Rabbit mAb (PBS Only)**

db12842-PBS

Package : 10µg 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

**Calculated MW**

81 kDa

**Observed MW**

92 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR16245

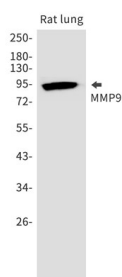
**Isotype**

IgG

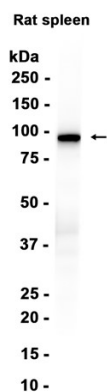
**Purity**

Affinity Purification

<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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 MMP9 antibody.



Western blot analysis of extracts from Rat spleen tissue using [db12842](#) at 1:1000.