

Recombinant

DGRmAb®

MT4-MMP (DGR33091) Rabbit mAb

db13259

Package : 10µL 20µL 50µL 100µL

Product Name : MT4-MMP (DGR33091) Rabbit mAb**Cat.No.:** db13259**Synonyms** : MMP-17; MT4MMP; MTMMP4; MT4-MMP**Application** : WB, IHC-P, ICC/IF**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a member of the peptidase M10 family and membrane-type subfamily of matrix metalloproteinases (MMPs). Proteins in this family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Members of this subfamily contain a transmembrane domain suggesting that these proteins are expressed at the cell surface rather than secreted. The encoded preproprotein is proteolytically processed to generate the mature protease. This protein is unique among the membrane-type matrix metalloproteinases in that it is anchored to the cell membrane via a glycosylphosphatidylinositol (GPI) anchor. Elevated expression of the encoded protein has been observed in osteoarthritis and multiple human cancers. [provided by RefSeq, Jan 2016]

Immunogen

A synthetic peptide of human MT4-MMP

Gene ID

4326

Swiss Prot

Q9ULZ9

Synonyms

MMP-17; MT4MMP; MTMMP4; MT4-MMP

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF

Recommended dilution

WB: 1:1000

IHC-P: 1:50

ICC/IF: 1:50-1:100

Calculated MW

67 kDa

Observed MW

63 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR33091
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.
	<div>Western blot analysis of extracts from Mouse brain tissue using db13259 at 1:1000.</div>