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MMP9 (C2) Antibody, Rabbit Polyclonal

Cat#: R1029-2

Quantity: 100 ul

Predicted | Observed M.W.: 78 | 92 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P14780

Background:

MMP9 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. MMP9 is secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. Defects in MMP9 may be a cause of susceptibility to intervertebral disc disease.

Other Names:

Matrix metalloproteinase-9, 92kDa gelatinase, 92kDa type IV collagenase, Gelatinase B, GELB

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human MMP9. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

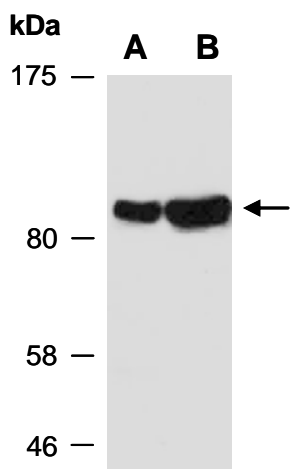


Fig 1. Western blot of total cell extracts from (A) human HeLa, (B) human Jurkat; using anti-MMP9 (C2) (R1029-2) at RT for 2 h.