

MMP11 Antibody

Catalog No: #31240

Package Size: #31240-1 50ul #31240-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	MMP11 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total MMP11 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from 470-488 amino acids of Human matrix metalloproteinase 11 (stromelysin 3)
Target Name	MMP11
Other Names	Matrix metalloproteinase 11 (stromelysin 3), ST3, SL-3, STMY3
Accession No.	Swiss-Prot:P24347Gene ID:4320;
Uniprot	P24347
GeneID	4320;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C/1 year

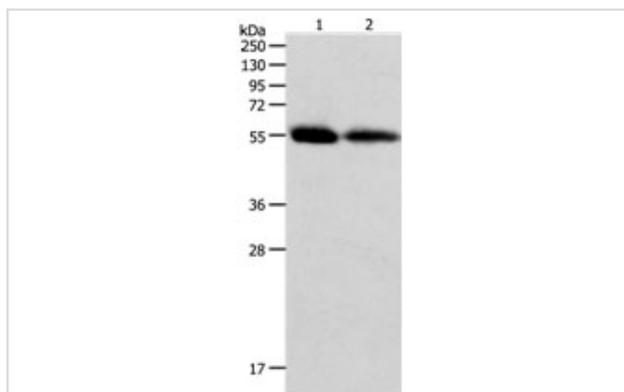
Application Details

Predicted MW: 55kd

ELISA: 1:1000-1:5000

Western blotting: 1:500-1:2000

Images



Gel: 10%SDS-PAGE

Lane1: Human colon cancer tissue lysate

Lane2: Human ovarian cancer tissue lysate

Lysates: 60 ug per lane

Primary antibody: 1/600 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 20 seconds

Background

Proteins of the matrix metalloproteinase (MMP) 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. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the enzyme encoded by this gene is activated intracellularly by furin within the constitutive secretory pathway. Also in contrast to other MMP's, this enzyme cleaves alpha 1-proteinase inhibitor but weakly degrades structural proteins of the extracellular matrix.

Note: This product is for in vitro research use only