MMP25 Antibody

PACO18232

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000, IHC:1:50-1:200

Protein 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 MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the protein encoded by this gene is a member of the membrane-type MMP (MT-MMP) subfamily, attached to the plasma membrane via a glycosylphosphatidyl inositol anchor. In response to bacterial infection or inflammation, the encoded protein is thought to inactivate alpha-1 proteinase inhibitor, a major tissue protectant against proteolytic enzymes released by activated neutrophils, facilitating the transendothelial migration of neutrophils to inflammatory sites.

Gene ID:

MMP25

Uniprot

Q9NPA2

Synonyms:

matrix metallopeptidase 25

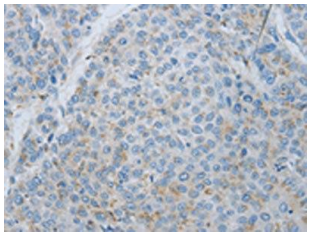
Immunogen:

Synthetic peptide of human MMP25.

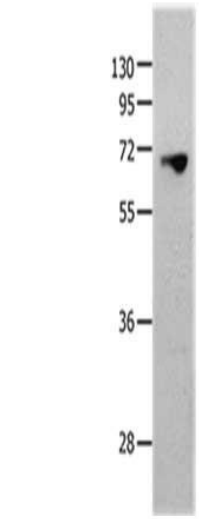
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

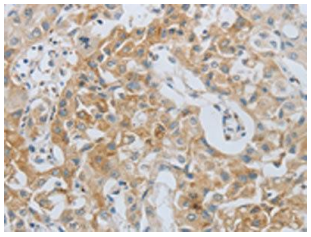
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO18232(MMP25 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 10+12%SDS-PAGE, Lysate: 40 μ g, Lane: 823 cells, Primary antibody: PACO18232(MMP25 Antibody) at dilution 1/1300, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes.



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using PACO18232(MMP25 Antibody) at dilution 1/80, on the right is treated with synthetic peptide. (Original magnification: x—200).

