

MMP14 Antibody

Membrane-type matrix metalloproteinase 1

CATALOG NO.: XW-7751

BACKGROUND:

FUNCTION: Seems to specifically activate progelatinase A. May thus trigger invasion by tumor cells by activating progelatinase A on the tumor cell surface. **CATALYTIC ACTIVITY:** Endopeptidase activity. Activates progelatinase A by cleavage of the propeptide at 37-Asn-|-Leu-38. Other bonds hydrolyzed include 35-Gly-|-Ile-36 in the propeptide of collagenase 3, and 341-Asn-|-Phe-342, 441-Asp-|-Leu-442 and 354-Gln-|-Thr-355 in the aggrecan interglobular domain

TESTED APPLICATION:

WB

SPECIES REACTIVITY:

H,B,R

CLONALITY:

Polyclonal

HOST:

Chicken

IMMUNOGEN:

126-230

PROTEIN GI #:

4826834

PROTEIN ACCESSION #:

NP_004986.1

PURIFICATION:

Immunoaffinity Purified

BUFFER:

Phosphate-Buffered Saline. No preservatives added.

APPLICATION:

Matrix metalloproteinase-14 IgY antibody can be used for the detection of Matrix metalloproteinase-14 by Western Blot.

STORAGE:

This antibody can be stored at 4°C for short term (weeks). Long term storage should be at -20°C. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.