
Monoclonal anti-MMP14 (human Membrane-type-1matrix metalloproteinase protein)

#Cat: NB-01-0086 Size: 100 µl

MMP14 or MT1MMP is an endopeptidase that degrades various components of the extracellular matrix, such as collagen. MMP14 activates progelatinase A (pro-MMP2) and is essential for pericellular collagenolysis and modeling of skeletal and extracellular connective tissues during development. MMP14 is present in many human invasive carcinoma and is almost exclusively located to the stromal cells.

Clones: 4MMP-3H3

Immunogen: full length MMP14 recombinant protein

Murine Isotype: IgG1, k

Specificity: 3H3 is directed against hemopexin/transmembrane region of human MMP14

Applications:

- ELISA
- Western Blot
- Immunocytofluorescence
- Immunohistochemistry

Recommended dilutions: 1/1000-1/10000

Storage:

- Store at -20°C (up to 3 years)
- Avoid repeat freezing and thawing cycles. Does not contain any preservative

References:

Chenard MP, Lutz Y, Mechine-Neuville A, Stoll I, Bellocq JP, Rio MC, Basset P. Presence of high levels of MT1-MMP protein in fibroblastic cells of human invasive carcinomas. Int J Cancer. 1999 Jul 19;82(2):208-12.

These products are intended for research purposes only.

MATERIAL SAFETY DATA SHEET INFORMATION

To the best of our knowledge, these products do not require a Material Safety Data Sheet. However, all the properties of these products (and, if applicable, each of their components) have not been thoroughly investigated. Therefore, we recommend that you use gloves and eye protection, and wear a laboratory coat when working with these products.