Anti-activated MMP1 [5C10]

Catalogue number: 152766
Sub-type: Primary antibody
Images:

Contributor

Inventor: Ayham Alnabulsi
Institute: Vertebrate Antibodies Limited
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-activated MMP1 [5C10]

Alternate name: actMMP-1, actMMP1, activated-MMP1, activated MMP1, activated-MMP-1, activated MMP-1, Fibroblast collagenase

Class: Monoclonal
Conjugate: Unconjugated
Description: Matrix metalloproteinases (MMPs) are synthesized as inactiveÄ?Â???Â zymogensÄ?Â???Â with a pro-peptide domain that must be removed before theÄ?Â???Â enzymeÄ?Â???Â is active.Ä?Â???Â MMP1 breaks down the interstitialÄ?Â???Â collagens, types I, II, and III hence itÄ?Â???Â is an important feature of development, morphogenesis, tissue repair andÄ?Â???Â remodeling. The anti-activated MMP1 [clone 5C10] antibody specifically targets the active form of MMP1 and is suitable for western blot only; it does not cross-react with proenzyme MMP1, or proenzyme or active forms of MMP2, MMP3 and MMP9.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1 kappa
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Ovalbumin-conjugated synthetic peptide; FVLTEGNPRC
Immunogen UNIPROT ID:
Sequence:

Growth properties:
Production details:
Formulation:
Recommended controls: Activated recombinant MMP-1
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: activated human matrix metalloproteinase 1 (MMP1)

Target alternate names:

Target background: Matrix metalloproteinases (MMPs) are synthesized as inactivezymogenswith a pro-peptide domain that must be removed before theenzymeis active.MMP1 breaks down the interstitialcollagens, types I, II, and III hence itis an important feature of development, morphogenesis, tissue repair andremodeling. The anti-activated MMP1 [clone 5C10] antibody specifically targets the active form of MMP1 and is suitable for western blot only; it does not cross-react with proenzyme MMP1, or proenzyme or active forms of MMP2, MMP3 and MMP9.

Molecular weight: 40 kDa

Ic50:

Applications

Application: WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Banks et al. 1987. J Gen Virol. 68 (Pt 5):1351-9. PMID: 3033140. ; Identification of human papillomavirus type 18 E6 polypeptide in cells derived from human cervical carcinomas.