

Product datasheet

MMP10 overexpression 293T lysate (whole cell) ab94294

2 Images

Overview

Product name	MMP10 overexpression 293T lysate (whole cell)
General notes	ab94294 is a 293T cell transfected lysate in which Human MMP10 has been transiently over-expressed using a pCMV-MMP10 plasmid. The lysate is provided in 1 x Sample Buffer. Note: For more details about how the transfected lysate was prepared view preparation notes
Tested applications	Suitable for: WB

Properties

Mycoplasma free	Yes
Form	Liquid
Storage instructions	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
Background	Domain: The conserved cysteine present in the cysteine-switch motif binds the catalytic zinc ion, thus inhibiting the enzyme. The dissociation of the cysteine from the zinc ion upon the activation-peptide release activates the enzyme. Function: Can degrade fibronectin, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. Activates procollagenase. Similarity: Belongs to the peptidase M10A family. Contains 4 hemopexin-like domains.

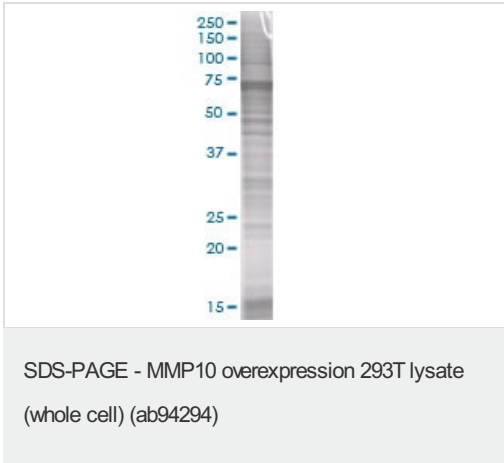
Applications

Our [Abpromise guarantee](#) covers the use of **ab94294** in the following tested applications.

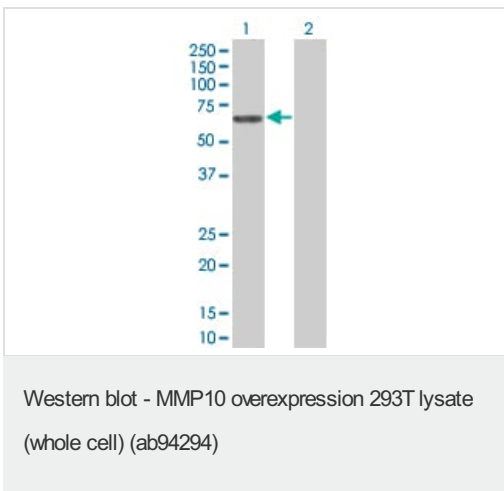
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

Images



ab94294 at 15µg/lane on an SDS-PAGE gel.



All lanes : Anti-MMP10 antibody (ab89638) at 1/500 dilution

Lane 1 : MMP10 overexpression 293T lysate (whole cell)
(ab94294)

Lane 2 : 293T non-transfected lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-mouse IgG (H and L) HRP conjugated at
1/2500 dilution

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