

## Product datasheet

# BMP7 overexpression 293T lysate (whole cell) ab94187

2 Images

### Overview

<b>Product name</b>	BMP7 overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94187 is a 293T cell transfected lysate in which Human BMP7 has been transiently over-expressed using a pCMV-BMP7 plasmid. The lysate is provided in 1X Sample Buffer. <b>Note:</b> For more details about how the transfected lysate was prepared <a href="#">view the preparation notes</a> .
<b>Tested applications</b>	<b>Suitable for:</b> WB

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 6.80 Constituent: 100% 1x Sample Buffer
<b>Purity</b>	Whole Cell Lysate
<b>Background</b>	Function: Induces cartilage and bone formation. May be the osteoinductive factor responsible for the phenomenon of epithelial osteogenesis. Plays a role in calcium regulation and bone homeostasis. Tissue specificity: Expressed in the kidney and bladder. Lower levels seen in the brain. Similarity: Belongs to the TGF-beta family. Developmental stage: Expressed in the developing eye, brain and ear during embryogenesis. PTM: Several N-termini starting at positions 293, 300, 315 and 316 have been identified by direct sequencing resulting in secretion of different mature forms (PubMed:17977014).

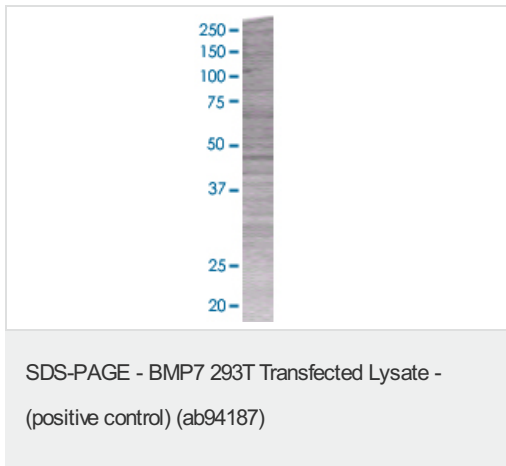
### Applications

Our [Abpromise guarantee](#) covers the use of **ab94187** in the following tested applications.

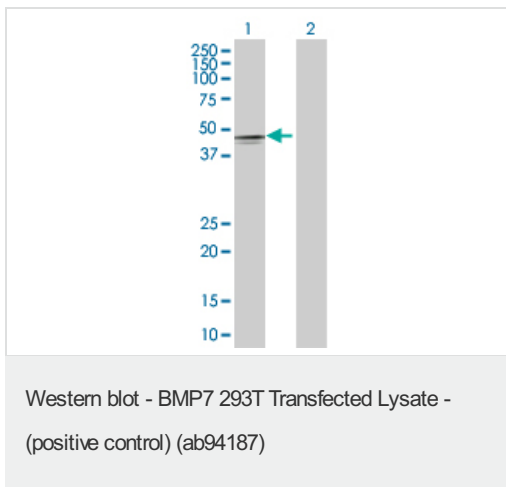
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

### Images



ab94187 at 15 µg/lane on an SDS-PAGE gel



**All lanes** : Anti-BMP7 antibody (ab54904) at 1/500 dilution

**Lane 1** : BMP7 overexpression 293T lysate (whole cell) (ab94187)

**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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