

# Product Datasheet

## Tensin 4/CTEN Antibody (3B8) - Azide and BSA Free H00084951-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00084951-M01**

Tensin 4/CTEN Antibody (3B8) - Azide and BSA Free

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 mg   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>     | Monoclonal   |
| <b>Clone</b>         | 3B8  |
| <b>Preservative</b>  | No Preservative  |
| <b>Isotype</b>       | IgG1 Kappa   |
| <b>Purity</b>        | IgG purified   |
| <b>Buffer</b>        | In 1x PBS, pH 7.4  |

**Product Description**

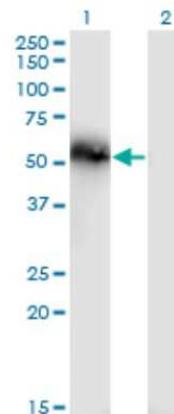
|                                |   |
|--------------------------------|---|
| <b>Description</b>             | Novus Biologicals Mouse Tensin 4/CTEN Antibody (3B8) - Azide and BSA Free (H00084951-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Tensin 4/CTEN Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.  |
| <b>Host</b>                    | Mouse   |
| <b>Gene ID</b>                 | 84951   |
| <b>Gene Symbol</b>             | TNS4  |
| <b>Species</b>                 | Human   |
| <b>Reactivity Notes</b>        | Human. Other species not tested.  |
| <b>Specificity/Sensitivity</b> | TNS4 - tensin 4   |
| <b>Immunogen</b>               | TNS4 (AAH18706, 1 a.a. ~ 480 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 kDa.<br>MGSKASSPHGLGSPLVASPRLEKRLGG LAPQRGSRISVLSASPVSDVSYMFGSQSLLHSSNSSHQSSRSLESPANSSSLHSLGSVSLTRPSDFQAPRNPTLT MGQPRTPHSPPLAKEHASSCPPSITNSMVDIPIVLINGCPEPGSSPPQRTPGHQ NSVQPGAASPSNPCPATRSNSQTLSDAPFTTCPEGPARDMQPTMKFVMDTSKYWFKPNTREQAIELLRKEEPGAFVIRDSSSYRGSGLALKVQEVPASAQSRPG EDSNDLIRHFLIESAKGVHLKGADEEPYFGSLAFVCQHSIMALALPCKLTIPQ RELGGADGASDSTDSPASCQKKSAGCHTLYLSSSVETLTGALAVQKAISTTF ERDILPTPTVHFKVTEQGITLTDVQRKVFFRRHYPLTTLRFCGMDPEQRKWQ KYCKPSWIFGFVAKSQTEPQENVCHLFAEYDMVQPASQVIGLVTALLQDAERM |
| <b>Notes</b>                   | This product is produced by and distributed for Abnova, a company based in Taiwan.  |

**Product Application Details**

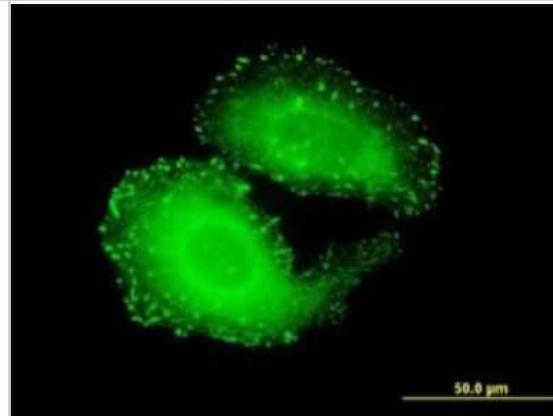
|                              |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Sandwich ELISA   |
| <b>Recommended Dilutions</b> | Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA                                       |
| <b>Application Notes</b>     | Antibody reactive against recombinant protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control. It is also useful for immunofluorescence. |

## Images

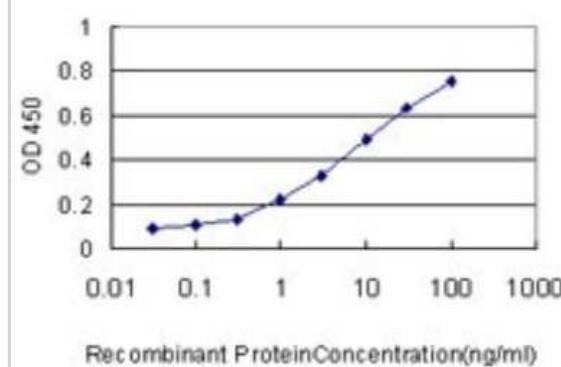
Western Blot: Tensin 4/CTEN Antibody (3B8) [H00084951-M01] - Analysis of TNS4 expression in transfected 293T cell line by TNS4 monoclonal antibody (M01), clone 3B8. Lane 1: TNS4 transfected lysate (51.8 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: Tensin 4/CTEN Antibody (3B8) [H00084951-M01] - Analysis of monoclonal antibody to TNS4 on HeLa cell. Antibody concentration 10 ug/ml.



Sandwich ELISA: Tensin 4/CTEN Antibody (3B8) [H00084951-M01] - Detection limit for recombinant GST tagged TNS4 is approximately 0.1ng/ml as a capture antibody.



## Publications

L Qin, X Cao, T Kaneko, C Voss, X Liu, G Wang, SS Li Dynamic interplay of two molecular switches enabled by the MEK1/2-ERK1/2 and IL-6-STAT3 signaling axes controls epithelial cell migration in response to growth factors The Journal of Biological Chemistry, 2021-09-02;0(0):101161. 2021-09-02 [PMID: 34480897]

McHugh B.J, Murdoch A, Haslett C, Sethi T. Loss of the Integrin-Activating Transmembrane Protein Fam38A (Piezo1) Promotes a Switch to a Reduced Integrin-Dependent Mode of Cell Migration. PLoS One. 2012-07-05 [PMID: 22792288]

Sakashita K, Mimori K, Tanaka F et al. Prognostic Relevance of Tensin4 Expression in Human Gastric Cancer. Ann Surg Oncol;15(9):2606-13. 2008-09-01 [PMID: 18612693]



## Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

## Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

## Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## Products Related to H00084951-M01

|                    |   |
|--------------------|---|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg   | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| H00084951-P01-10ug | Recombinant Human Tensin 4/CTEN GST (N-Term) Protein    |

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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