

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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Publications: 3

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H00084951-M01

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

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

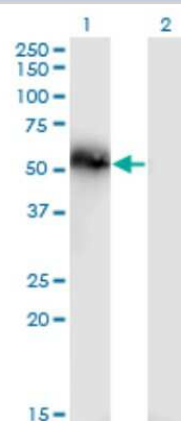
Product Description	
Description	Novus Biologicals Mouse Tensin 4/CTEN Antibody (3B8) - Azide and BSA Free (H00084951-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Tensin 4/CTEN Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our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

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	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.

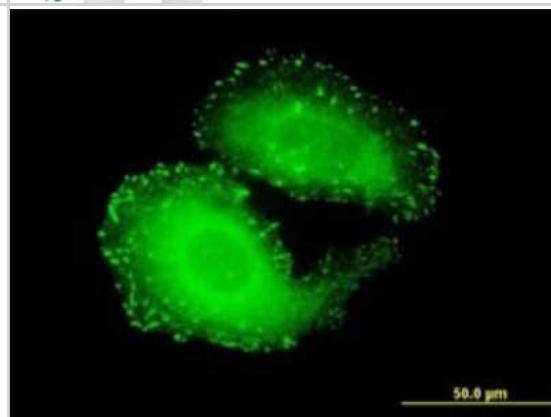


Images

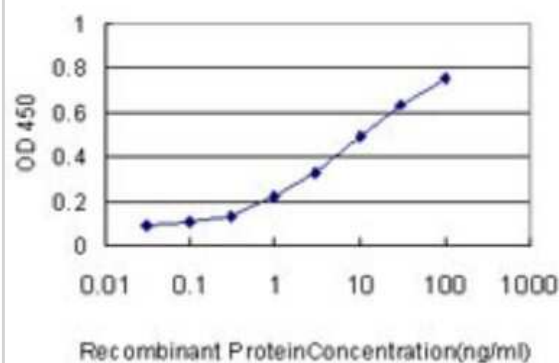
Western Blot: Tensin 4/CTEN Antibody (3B8) [H00084951-M01] - Analysis of TNS4 expression in transfected 293T cell line by TNS4 monoclonal antibody (M01), clone 3B8. Lane 1: TNS4 transfected lysate (51.8 KDa). Lane 2: Non-transfected lysate.



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 0.1 ng/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 BJ, 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]



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Products Related to H00084951-M01

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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.

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