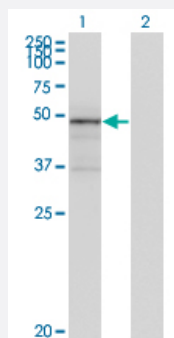


TNXB monoclonal antibody (M01), clone 2D3-1B10

Catalog # H00007148-M01

Size 100 ug

Applications

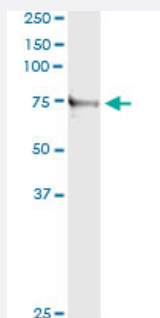


Western Blot (Transfected lysate)

Western Blot analysis of TNXB expression in transfected 293T cell line by TNXB monoclonal antibody (M01), clone 2D3-1B10.

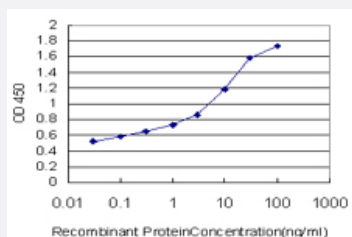
Lane 1: TNXB transfected lysate (Predicted MW: 74 KDa).

Lane 2: Non-transfected lysate.



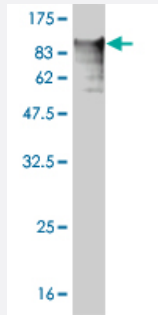
Immunoprecipitation

Immunoprecipitation of TNXB transfected lysate using anti-TNXB monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TNXB MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TNXB is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (99.77 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant TNXB.
Immunogen	TNXB (AAH33740, 1 a.a. ~ 673 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRLSWSVAQGPFDSEFVVQYEDTNGQPQALLVDGDQSKILISGLEPSTPYRFLLYGLHEGKRLGPL SAEGTTGLAPAGQTSEESRPRLSQLSVTDVTTSSLRLNWEAPPGAFFDSFLLRFGVPSPSTLEPH PRPLLQRELMVPGTRHSAVLRDLRSGTLYSLTYGLRGPHKADSIQGTARTLSPVLESPRDLQFSE IRETSKVNWMPPPSRADSFKVSYLLADGGEPQSVQVDGQARTQKLQGLIPGARYEVTVVSVRG FEESEPLTGFLTTPDGPQTQLRALNLTEGFAVLHWKPPQNPVDYDVQVTAPGAPPLQAETPGS AVDYPLHDLVLHTNYATVRGLRGNLTSPASITFTTGLEAPRDLEAKEVTPRTALLTWTEPPVRP AGYLLSFHTPGGQNGEILLPGGITSHQLLGLFPSTSYNARLQAMWGQSLLPPVSTSFSTGGLRIPFP RDCGEEMQNGAGASRTSTIFLNGNRERPLNVFCDMETDGGGWLVFQRRMDGQTDFFWRDWEDY AHGFGNISGEFWLGNEALHSLTQAGDYSMRVDLRAGDEAVFAQYDSFHVDSAAEYRLHLEGYH GTAGDSMSYHSGSVFSARDRDPNSLLISCAVSYRGAWWYRNCHYANLNGLYGSTVDHQGVSWY HWKGFEEFSVPFTEMKLRPRNFRSPAGGG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (99.77 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of TNXB expression in transfected 293T cell line by TNXB monoclonal antibody (M01), clone 2D3-1B10.

Lane 1: TNXB transfected lysate (Predicted MW: 74 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of TNXB transfected lysate using anti-TNXB monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TNXB MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TNXB is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TNXB

Entrez GeneID	7148
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GeneBank Accession#	BC033740
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Protein Accession#	AAH33740
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Gene Name	TNXB
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Gene Alias	HXBL, TENX, TNX, TNXB1, TNXB2, TNXBS, XB, XBS
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Gene Description	tenascin XB
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Omim ID	130020 600985 606408
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Gene Ontology	Hyperlink
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Gene Summary

This gene encodes a member of the tenascin family of extracellular matrix glycoproteins. The tenascins have anti-adhesive effects, as opposed to fibronectin which is adhesive. This protein is thought to function in matrix maturation during wound healing, and its deficiency has been associated with the connective tissue disorder Ehlers-Danlos syndrome. This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. It is one of four genes in this cluster which have been duplicated. The duplicated copy of this gene is incomplete and is a pseudogene which is transcribed but does not encode a protein. The structure of this gene is unusual in that it overlaps the CREBL1 and CYP21A2 genes at its 5' and 3' ends, respectively. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000062664|growth-inhibiting protein 45|hexabrachion-like|tenascin XB1|tenascin XB2|tenascin-X

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Arthritis](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lupus Erythematosus](#)
- [Nasal Polyps](#)
- [Neuroblastoma](#)

- [Obesity](#)
- [Schizophrenia](#)