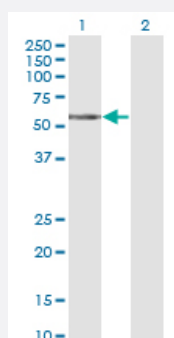


TCN1 monoclonal antibody (M12), clone 3F10

Catalog # H00006947-M12

Size 100 ug

Applications

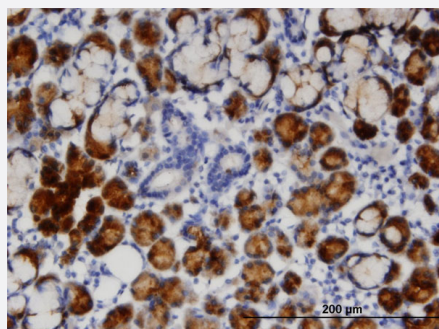


Western Blot (Transfected lysate)

Western Blot analysis of TCN1 expression in transfected 293T cell line by TCN1 monoclonal antibody (M12), clone 3F10.

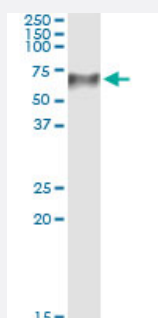
Lane 1: TCN1 transfected lysate(48.2 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TCN1 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]

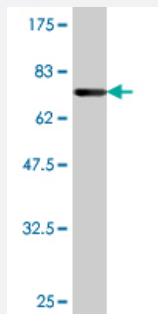
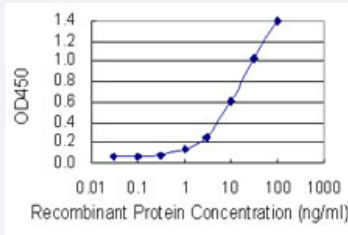


Immunoprecipitation

Immunoprecipitation of TCN1 transfected lysate using anti-TCN1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TCN1 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TCN1 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (72.27 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant TCN1.
Immunogen	TCN1 (AAH18632, 1 a.a. ~ 423 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MRQSHQLPLVGLLLFSFIPSQLCEICEVSEENYIRLKPLLNTMIQSNYNRGTSAVNVVLSLKLVGIIQ TLMQKMIQQIKYNVKSRLSDVSSGELALILALGVCRNAEENLYDYHLIDKLENKFQAEIENMEAHN GTPLTNYQLSLDVLALCLFNGNYSTAEVVNHFTPENKNYYFGSQFSVDTGAMAVLALTCVKKSLI NGQKADDEGSLKNISYTKSLVEKILSEKKENGLIGNTFSTGEAMQALFVSSDYNNENDWNCRQTLN TVLTEISQGAFSNPNAQAQVLPALMGKTFDINKDSSCVPASGNFNISADEPITVTPPDSQSYISVD YSVRINETYFTNAVVLNGSVFLSVMEKAQKMNDTIFGFTMEERSWGPYITCIQGLCANNNDRTYWE LLSGGEPLSQGAGSYVVRNG
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (72.27 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 TCN1 expression in transfected 293T cell line by TCN1 monoclonal antibody (M12), clone 3F10.

Lane 1: TCN1 transfected lysate(48.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to TCN1 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of TCN1 transfected lysate using anti-TCN1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TCN1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TCN1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TCN1

Entrez GeneID	6947
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GeneBank Accession#	BC018632
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Protein Accession#	AAH18632
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Gene Name	TCN1
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Gene Alias	TC1, TCI
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Gene Description	transcobalamin I (vitamin B12 binding protein, R binder family)
Omim ID	189905
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the vitamin B12-binding protein family. This family of proteins, alternatively referred to as R binders, is expressed in various tissues and secretions. This protein is a major constituent of secondary granules in neutrophils and facilitates the transport of cobalamin into cells. [provided by RefSeq]
Other Designations	haptocorin haptocorrin transcobalamin I

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Down Syndrome](#)
- [Edema](#)
- [Folic Acid Deficiency](#)
- [Genetic Predisposition to Disease](#)
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