

AibGenesis™ Mouse Anti-TIMP2 Antibody (MOFY-1222-FY98)

Cat. No.: MOFY-1222-FY98

Specifications

Host species	Mouse
Format	Liquid or Lyophilized
Buffer	PBS, 0.05% BSA
Regulatory Status	For Research Use Only. Not For Clinical Use.
Shipping	Gel Pack
Storage	Store at 4°C: short-term (1-2weeks) Store at -20°C: long-term and future use

Application-Information

Application	IHC
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Target

Introduction

This gene is a member of the TIMP gene family. The proteins encoded by this gene family are natural inhibitors of matrix metalloproteinases, a group of peptidases involved in the degradation of the extracellular matrix. In addition to its inhibitory effect on metalloproteases, the encoded protein has a unique role among TIMP family members because of its ability to directly inhibit the proliferation of endothelial cells. Thus, the encoded protein may be critical for maintaining tissue homeostasis by inhibiting proliferation of quiescent tissues in response to angiogenic factors, and by inhibiting protease activity in tissues undergoing extracellular matrix remodeling. [Provided by RefSeq, July 2008] (From NCBI)

Gene ID	7077
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Sub Ca Clon	Species Reactivity	Application	Clon	Conjugate	Size
ality		n	e		e
CBMOAB				MO60 Unconjugated; also available f	100
-60257F	Mono Rhesus (<i>Macaca mulatta</i>)	WB, ELISA	257FY or Biotin; HRP; FITC and other		µg
YA	clonal		A	labeled form.	

Protein Refseq: The length of the protein is 215 amino acids long.

The sequence is show below: RTLRLALGLLLLLATLLRPADACSCSPVHPQQAFCNADVIRAKAVSEKEVDSGNDIYGNIPIKRIQYEIKQIKMFKGP
EKDIEFIYTAPSS AVCGVSLDVGGKKEYLIAGKAEGDGKMHITLCDFIVPWTLSSTQKKSLNHRYQMGCECKITRCPMIPCYISSPDECLWMDWV
TEKNING HQAKFFACIKRSDGSCAWYRGAAPPKQEFLDIEDP.

MO-AB-3 Mono				Unconjugated; also available f	100
3727W	Dog (<i>Canis lupus familiaris</i>)	WB, ELISA	MO33 or Biotin; HRP; FITC and other		µg
	clonal		727W	labeled form.	

Protein Refseq: The length of the protein is 343 amino acids long.

The sequence is show below: KAPKHLGVTSTKSFISDYPVTSPLVRHQPSALGPCQHSFFFSQRFSLFIHERHREKERQQRHRQREKQAPRREPD
VGLDPRSPGSHGLKA GAKPLSHPGVPPVNILAEESWDWKGSQSFTPRPCSPWVGSDTVQGAGFIVPPPPRPGARTALWWLHSPCLCFA
VIRAKAVSVKEVDS GNDIYGNIPIKRIQYEIKQIKMFKGPDKDIEFIYTAPSSAVCGVSLDIGGKKEYLIAGKAEGNGKMHITLCDFIVPWTLSSTQKK
SLNHR YQMGCECKITRCPMIPCYISSPDECLWMDWVTEKSINGHQAKFFACIKRSDGSCAWYRGAAPPKQEFLDIEDP.

MO-AB-4 Mono				Unconjugated; also available f	100
2697W	Guinea pig (<i>Cavia porcellus</i>)	WB, ELISA	MO42 or Biotin; HRP; FITC and other		µg
	clonal		697W	labeled form.	

Protein Refseq: The length of the protein is220 amino acids long.

The sequence is show below: MGATARSLRLALGLLLLGTLPRGADACSCSPVHPQQAFCNADVIRAKAVSEKEVDSGNDIYGNIPIKRIQYEIKQIK
MFKGPEKDIEFIY TAPSSAVCGVSLDVGGKKEYLIAGKAEGDGKMHITLCDFIVPWTLSSTQKKSLNHRYQMGCECKITRCPMIPCYISSPDECL
WMDWVTE KSINGHQAKFFACIKRSDGSCAWYRGAAPPKQEFLDIEDP.

MO-AB-4 Mono				Unconjugated; also available f	100
6808W	Horse (<i>Equus caballus</i>)	WB, ELISA	MO46 or Biotin; HRP; FITC and other		µg
	clonal		808W	labeled form.	

Protein Refseq: The length of the protein is91 amino acids long.

The sequence is show below: KAVSEKEVDSGNDIYGNIPIKRIQYEIKQIKMFKGPDKDIEFIYTAPSSAVCGVSLDVGGKKEYLIAGKADGNGKMH
ITLCDFIVPWTLS T.

MO-AB-2 Mono Cattle (<i>Bos taurus</i>)		WB, ELISA	MO21 Unconjugated; also available f	100
1603R	clonal		603R or Biotin; HRP; FITC and other	µg

Sub Ca Clon	Species Reactivity	Applicatio Clon	Conjugate	Siz
t	ality	n	e	e

labeled form.

Protein Refseq: The length of the protein is 220 amino acids long.

The sequence is show below: MGAAARSLPLAFCLLLGLTLLPRADACSCSPVHPQQAFCNADIVIRAKAVNKKEVDSGNDIYGNPIKRIQYEIKQIK
MFKGPDQDIEFIY TAPAAVCGVSLDIGGKKEYLIAGKAEGNGNMHITLCDFIVPWDTLSATQKKSLNHRYQMGCECKITRCPMIPCYISSPDECL
WMDWVTE KNINGHQAKFFACIKRSDGSCAWYRGAAPPKQEFLDIEDP.

MO-AB-0 Mono			Unconjugated; also available f	100
8439H	Frog (<i>Xenopus laevis</i>)	WB, ELISA	MO08	
clonal			or Biotin; HRP; FITC and other	
			439C	µg
			labeled form.	

Protein Refseq: The length of the protein is 222 amino acids long.

The sequence is show below: MLAAPVPSLLLPLAMLVLIWPSQKLSEACSCSPVHPQQAFCNADIVIRAKAVTGKEVESGNDVYGNPIKRIQYEIKQ
IKMFKGPDKDIEF IYTAPSSAVCGVTLEIAGKKEYLIAGKADGDGKMHITLCDFIEPWDSLTPQTQKKSLNQRYEMGCECKISRCPSPICLVSSQDEC
LWTDWV TEKNINGRQAKHYACIKRTDGSCSWYRGMAPPKQEFLDIEDP.

MO-AB-2 Mono			Unconjugated; also available f	100
9473H	Rat (<i>Rattus norvegicus</i>)	WB, ELISA	MO29	
clonal			or Biotin; HRP; FITC and other	
			473C	µg
			labeled form.	

Protein Refseq: The length of the protein is 220 amino acids long.

The sequence is show below: MGAAARSLRLALGLLLLATLLRPADACSCSPVHPQQAFCNADVIRAKAVSEKEVDSGNDIYGNPIKRIQYEIKQIK
MFKGPDKDIEFIY TAPSSAVCGVSLDVGGKKEYLIAGKAEGDGKMHITLCDFIVPWDLSITQKKSLNHRYQMGCECKITRCPMIPCYISSPDECL
WMDWVTE KSINGHQAKFFACIKRSDGSCAWYRGAAPPKQEFLDIEDP.

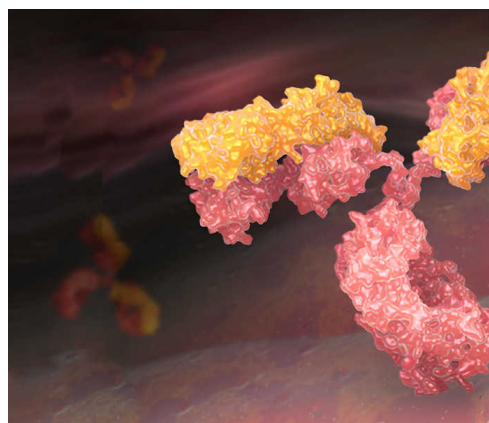
MO-AB-0 Mono			Unconjugated; also available f	100
4430Y	Chicken (<i>Gallus gallus</i>)	WB, ELISA	MO04	
clonal			or Biotin; HRP; FITC and other	
			430Y	µg
			labeled form.	

Protein Refseq: The length of the protein is 220 amino acids long. The sequence is show below: MPGAAALPSLLAWLAVLLLGRARPADACSCS
PIHPQQAFCNADVIRAKAVSAKEVDSGNDIYGNPIKRIQYEVKQIKMFKGPDQDIEFIY TAPSTAVCGQPLDTGGKKEYLIAGKSEGDGKMHITLC
DLVATWDSLSPTQKKSLNQRYQMGCECKISRCLSPICFVSSSDECLWTDWAME KIVGGRQAKHYACIKRSDGSCAWYRGMAPPKQEFLDIEDP.

MO-AB-1 Mono			Unconjugated; also available f	100
0214Y	Rabbit (<i>Oryctolagus cuniculus</i>)	WB, ELISA	MO10	
clonal			or Biotin; HRP; FITC and other	
			214Y	µg
			labeled form.	

Protein Refseq: The length of the protein is 194 amino acids long. The sequence is show below: CSCSPVHPQQAFCNADIVIRAKAVNKKEVD
SGNDIYGNPIKRIQYEIKQIKMFKGPDQDIEFIYTAPSSAVCGVSLDIGGKKEYLIAGKA EGNGNMHITLCDFIVPWDTLSATQKKSLNHRYQMGCE

Sub Cat	Clonality	Species Reactivity	Application	Clonality	Conjugate	Size
CKITRCPMIPCYISSPDECLWMDWVTEKNINRHQAKFFACIKRSDGSCAWYRG AAPPKQEFLDIEDP.						
MO-AB-1 Mono		Sheep (<i>Ovis aries</i>)	WB, ELISA	MO17	Unconjugated; also available for Biotin; HRP; FITC and other labeled form.	100 µg
7913Y	clonal			913Y		
Protein Refseq: The length of the protein is 220 amino acids long. The sequence is show below: MGAAARSLPLAFCLLLLTLLPRADACSCS PVHPQQAFCNADIVIRAKAVSKKEVDSGNDIYGNIPIKRIQYEIKQIKMFKGPDQDIEFIY TAPSSAVCGVSLDIGGKKEYLIAGKAEGNGNMHITLCD FIVPWDTLSATQKKSLNHRYQMGCECKITRCPMIPCYISSPDECLWMDWVTE KNINGHQAKFFACIKRSDGSCAWYRGAAPPKQEFLDIEDP.						
MO-NAB-Mono		Human (<i>Homo sapiens</i>), Mouse (<i>Mus musculus</i>), Rat (<i>Rattus norvegicus</i>), Cattle (<i>Bos taurus</i>), Guinea pig (<i>Cavia porcellus</i>), Rabbit (<i>Oryctolagus cuniculus</i>), Zebrafish (<i>Danio rerio</i>)	WB, FC, FC-I C, IF, IHC, IHC-P	NW03 48	Unconjugated	100 µg
00423W	clonal					
MO-NAB-Mono		Human (<i>Homo sapiens</i>), Mouse (<i>Mus musculus</i>), Rat (<i>Rattus norvegicus</i>), Cattle (<i>Bos taurus</i>), Guinea pig (<i>Cavia porcellus</i>), Rabbit (<i>Oryctolagus cuniculus</i>), Zebrafish (<i>Danio rerio</i>)	WB, FC, IF, IHC, IHC-P	NW03 61	Unconjugated	100 µg
00436W	clonal					
MO-MMBPolyc		Zebrafish (<i>Danio rerio</i>)	IA		Unconjugated	100 µg
-0588	lonal					
MO-MMBPolyc		Cattle (<i>Bos taurus</i>), Guinea pig (<i>Cavia porcellus</i>), Human (<i>Homo sapiens</i>), Mouse (<i>Mus musculus</i>), Rabbit (<i>Oryctolagus cuniculus</i>), Rat (<i>Rattus norvegicus</i>), Zebrafish (<i>Danio rerio</i>)	IHC, WB, IF		Unconjugated	100 µg
-0665	lonal					
MOFY-05 Mono		Chicken, Human, Mouse, Pig, Rabbit, Zebrafish	ELISA, IHC, WB		Unconjugated	100 µg
22-FY98	clonal					
MOFY-06 Polyc		Guinea pig	WB, IHC, IC		Unconjugated	100 µg
22-FY71	lonal		C, IP			



AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.