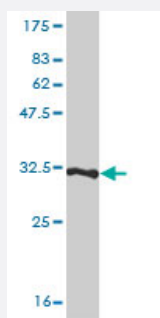


TMSB4X monoclonal antibody (M03), clone 4H7

Catalog # H00007114-M03

Size 100 ug

Applications



Western Blot detection against Immunogen (30.95 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TMSB4X.
Immunogen	TMSB4X (NP_066932, 1 a.a. ~ 44 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSDKPDMAEIEKFDKSKLKKTTETQEKNPLPSKETIEQEQAGES
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (30.95 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 (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TMSB4X

Entrez GeneID [7114](#)

GeneBank Accession# [NM_021109](#)

Protein Accession# [NP_066932](#)

Gene Name TMSB4X

Gene Alias FX, PTMB4, TB4X, TMSB4

Gene Description thymosin beta 4, X-linked

Omim ID [300159](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an actin sequestering protein which plays a role in regulation of actin polymerization. The protein is also involved in cell proliferation, migration, and differentiation. This gene escapes X inactivation and has a homolog on chromosome Y. [provided by RefSeq]

Other Designations OTTHUMP00000022925|OTTHUMP00000022926|OTTHUMP00000022927|OTTHUMP00000022928|prothymosin beta-4|thymosin beta-4|thymosin, beta 4|thymosin, beta 4, X chromosome

Publication Reference

- [Molecular anatomy of ascending aorta in atherosclerosis by MS Imaging: Specific lipid and protein patterns reflect pathology.](#)

Martin-Lorenzo M, Balluff B, Maroto AS, Carreira RJ, van Zeijl RJ, Gonzalez-Calero L, de la Cuesta F, Barderas MG, Lopez-Almodovar LF, Padial LR, McDonnell LA, Vivanco F, Alvarez-Llamas G.

Journal of Proteomics 2015 Aug; 126:245.

Application: IHC-P, Human, Rat, Aortic

Pathway

- [Regulation of actin cytoskeleton](#)