MSMB Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MSMB, Polyclonal Antibody
Full Product Name	MSMB Polyclonal Antibody
Product Gene Name	anti-MSMB antibody
Product Synonym Names	Beta-microseminoprotein; Immunoglobulin-binding factor; IGBF; PN44; Prostate secreted seminal plasma protein; Prostate secretory protein of 94 amino acids; PSP-94; PSP94; Seminal plasma beta-inhibin; MSMB; PRSP
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	12
OMIM	157145
3D Structure	ModBase 3D Structure for P08118
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-MSMB antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-MSMB antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-MSMB antibody	MBS8531483 is an antibody targeting MSMB. Also known as MSMB Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-MSMB antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MSMB. It may not necessarily be applicable to this product.

NCBI GI #	4557036
NCBI GeneID	4477
NCBI Accession #	NP_002434.1
UniProt Primary Accession #	P08118
UniProt Secondary Accession #	P11999; Q13125; Q6IAY9; Q9UC59; B1API6
UniProt Related Accession #	P08118
GenBank Nucleotide #	NM_002443.3

NCBI Official Full Name	beta-microseminoprotein isoform a
NCBI Official Synonym Full Names	microseminoprotein beta
NCBI Official Symbol	MSMB
NCBI Official Synonym Symbols	MSP; PSP; IGBF; MSPB; PN44; PRPS; HPC13; PSP57; PSP94; PSP-94
UniProt Protein Name	Beta-microseminoprotein
UniProt Synonym Protein Names	Immunoglobulin-binding factor; IGBF; PN44; Prostate secreted seminal plasma protein; Prostate secretory protein of 94 amino acids; PSP-94; PSP94; Seminal plasma beta-inhibin
Protein Family	Beta-microseminoprotein
UniProt Gene Name	MSMB
UniProt Synonym Gene Names	PRSP; IGBF; PSP-94; PSP94
NCBI Protein Information	beta-microseminoprotein
NCBI Summary for MSMB	The protein encoded by this gene is a member of the immunoglobulin binding factor family. It is synthesized by the epithelial cells of the prostate gland and secreted into the seminal plasma. This protein has inhibin-like activity. It may have a role as an autocrine paracrine factor in uterine, breast and other female reproductive tissues. The expression of the encoded protein is found to be decreased in prostate cancer. Two alternatively spliced transcript variants encoding different isoforms are described for this gene. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for MSMB	MiscellaneousSpecific receptors for this protein are found on spermatozoa and in the prostate.CautionWas originally thought to inhibit the secretion of FSH by pituitary cells.
Research Articles on MSMB	**1.** this meta-analysis indicates that MSMB gene rs10993994 polymorphism increases the risk of PC.
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