

Rabbit anti-Human, Mouse MSMB Polyclonal Antibody | anti-MSMB antibody

MSMB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA326484	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

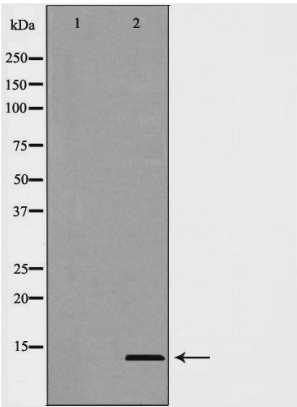
PRODUCT SYNONYMS

MSMB; Polyclonal Antibody; MSMB Antibody; Beta microseminoprotein [Precursor]; Beta-microseminoprotein; HPC 13; HPC13; IGBF; Immunoglobulin binding factor; Immunoglobulin-binding factor; microseminoprotein beta; Msmb; MSMB_HUMAN; MSP; MSPB; PN 44; PN44; Prostate secreted seminal plasma protein; Prostate secretory protein of 94 amino acids; Prostate secretory protein PSP94; PRPS; PRSP; PSP 57; PSP; PSP-94; PSP57; PSP94; Seminal plasma beta inhibin; Seminal plasma beta-inhibin; anti-MSMB antibody

PRODUCT SPECIFICATIONS

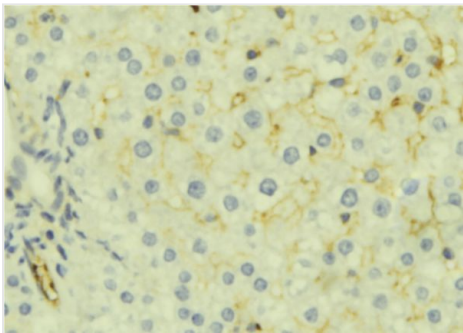
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	MSMB antibody detects endogenous levels of total MSMB
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	114
Applicable Applications for anti-MSMB antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MSMB
Subcellular Location	Secreted. Sperm Surface.
Tissue Specificity	Strongly expressed in prostate, liver, kidney, breast and penis. Also expressed in pancreas, esophagus, stomach, deodenum, colon, trachea, lung, salivary glands and fallopian tube. PSP94 is expressed in lung and breast, whereas PSP57 is found in kidney and bladder.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of HepG2 cell lysate, using MSMB Antibody. The lane on the left is treated with the antigen-specific peptide.



IHC (Immunohistochemistry)

AAA326484 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MSMB antibody

Description: 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.

Function: Specific receptors for this protein are found on spermatozoa and in the prostate.

Subunit Structure: Homodimer; Interacts with PI16.

Similarity: Belongs to the beta-microseminoprotein family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557036
NCBI GeneID	4477
NCBI Accession #	NP_002434.1
NCBI GenBank Nucleotide #	NM_002443.3
UniProt Accession #	P08118; P11999; Q13125; Q6IAY9; Q9UC59; B1API6
Molecular Weight	Observed: 13 kDa Predicted: 13 kDa
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
NCBI Protein Information	beta-microseminoprotein
UniProt Protein Name	Beta-microseminoprotein
UniProt Gene Name	MSMB
UniProt Synonym Gene Names	PRSP; IGBF; PSP-94; PSP94

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

