10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MSMB Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a full length recombinant MSMB.
Catalog # AT2918a

Product Information

Application	WB, E
Primary Accession	P08118
Other Accession	BC005257
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	3B11
Calculated MW	12865

Additional Information

Gene ID	4477
Other 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
Target/Specificity	MSMB (AAH05257.1, 1 a.a. ~ 114 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MSMB Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

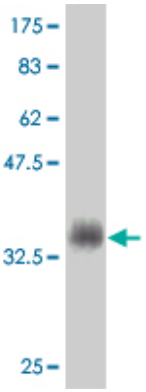
Background

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.

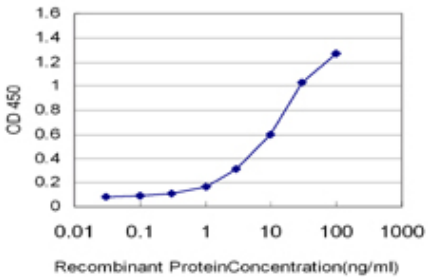
References

1.Expression patterns of candidate susceptibility genes HNF1β and CtBP2 in prostate cancer: Association with tumor progression.Debiais-Delpech C, Godet J, Pedretti N, Bernard FX, Irani J, Cathelineau X, Cussenot O, Fromont GUrol Oncol. 2013 Dec 11. pii: S1078-1439(13)00349-9. doi: 10.1016/j.urolonc.2013.09.006.2.Novel Prognostic Markers in the Serum of Patients With Castration-Resistant Prostate Cancer Derived From Quantitative Analysis of the Pten Conditional Knockout Mouse Proteome.Kalin M, Cima I, Schiess R, Fankhauser N, Powles T, Wild P, Templeton A, Cerny T, Aebersold R, Krek W, Gillessen S.Eur Urol. 2011 Jun 29. [Epub ahead of print]

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (38.28 KDa) .



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.