

Product datasheet for **DM1034**

MSMB Mouse Monoclonal Antibody [Clone ID: YPSP-2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YPSP-2
Applications:	ELISA, IHC, WB
Recommended Dilution:	Immunoperoxidase staining. Western Blot. ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Highly purified PSP
Specificity:	Reactive with PSP or human prostate epithelial cells. Does not react with a variety of human normal tissues.
Formulation:	0.01M PBS, pH 7.2 State: Purified State: Lyophilized purified IgG
Reconstitution Method:	Restore with double distilled water is recommended and to adjust the final concentration to 1.00 mg/ml.
Purification:	Protein G affinity purified
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	microseminoprotein, beta-
Database Link:	Entrez Gene 4477 Human P08118



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Background:

An abundant constituent of the human seminal plasma is a 14-kD protein of prostate origin known as beta-microseminoprotein, prostatic secretory protein (PRPS), Prostate secretory protein (PSP), or PSP94. It is a product of a single gene transcribed in the prostate but not in the testis. Specific receptors for this protein are found on spermatozoa and in the prostate.

Synonyms:

Beta-microseminoprotein, PRSP, PSP-94, PN44, IGBF, Immunoglobulin-binding factor, Seminal plasma beta-inhibin