



# ANOGEN - A Division of YES Biotech Laboratories Ltd.

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## Mouse Anti-Human BPH Monoclonal Antibody Datasheet

<b>Product Name:</b> mAb anti-human BPH	<b>Clone No.:</b> YBPH-2
<b>Catalogue No.:</b> MO-T40008B	<b>Quantity:</b> 0.5 mg/vial
<b>Description:</b> Mouse monoclonal antibody to human Benign Prostatic Hyperplasia (BPH)	<b>Research Area:</b> Oncology
<b>Purification:</b> Protein G affinity purified	<b>Background:</b> Benign prostatic hyperplasia (BPH) is the benign enlargement of prostate. In senior males, BPH is a very common phenomenon. Like prostate cancer, BPH can cause frequent urination, urinary hesitancy and dysuria, but does not result in cancer. Since it is difficult to distinguish BPH from early stage prostate cancer based on symptoms, identification of specific markers for differentiating prostate cancer from BPH has been an imperative task.
<b>Product Type:</b> Primary antibody	<b>Applications:</b> <b>Immunohistochemistry:</b>
<b>Target Protein:</b> Human benign prostatic hyperplasia	This antibody reacts with BPH tissue, human prostate epithelial cells, and reacts to well to moderately differentiated prostate tissue.
<b>Immunogen:</b> Human benign prostatic hyperplasia tissue	The antibody does not react with non-prostate tissue, or malignant prostate tissue.
<b>Fusion Myeloma:</b> Sp2/0-Ag14	In rare cases, the antibody reacts with poorly differentiated prostate tissue.
<b>Specificity:</b> Reactive with BPH or human prostate epithelial cells	<b>References:</b> If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
<b>Species Reactivity:</b> Human, others not tested	
<b>Cross-Reactivity:</b> Does not react with a variety of other human normal tissues.	
<b>Host / Isotype:</b> Mouse, IgG Kappa	
<b>Formulation:</b> Lyophilized from a solution in 0.01M PBS, pH 7.2	
<b>Reconstitution:</b> Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.	
<b>Storage:</b> Store at -20°C	

This product is for LABORATORY RESEARCH USE and further manufacture ONLY, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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