

Anti-Prostate Specific Antigen Antibody [A67-B/E3 + 1A7] (A249007)

Specifications:

Name:	Anti-Prostate Specific Antigen Antibody [A67-B/E3 + 1A7]
Description:	Mouse monoclonal [A67-B/E3 + 1A7] antibody to Prostate Specific Antigen.
Specificity:	This antibody recognizes a single protein of 33-34kDa, identified as the prostate specific antigen (PSA). This MAb is highly specific to PSA and stains prostatic secretory and ductal epithelium in both normal and neoplastic tissues. PSA is a chymotrypsin-like serine protease (kallikrein family) exclusively produced by the prostate epithelium, and abundant in seminal fluid. PSA can be detected in the sera of patients with prostatic carcinoma. It is predominantly complexed to a liver-derived serine protease inhibitor, alpha-1-antichymotrypsin (ACT). A higher proportion of serum PSA is complexed to ACT in prostate cancer than in benign prostate hyperplasia.
Applications:	Flow Cytometry, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Native PSA from human sperm plasma.
Host:	Mouse
Clonality:	Oligoclonal
Clone ID:	A67-B/E3 + 1A7
Isotype:	IgG1, kappa + IgG1, kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Specifications continued:

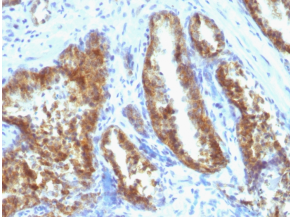
General Notes:

Please note, this product is an oligoclonal antibody; it is a cocktail of monoclonal antibodies that have been carefully selected. Oligoclonal antibodies not only have the specificity and batch-to-batch consistency of a monoclonal antibody, but they also have the advantage of the sensitivity of a polyclonal antibody due to their ability to recognize multiple epitopes on an antigen. This oligoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Prostate Specific Antigen Antibody [A67-B/E3 + 1A7] - BSA and Azide free (A252187).

Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human prostate carcinoma using Anti-Prostate Specific Antigen Antibody [A67-B/E3 + 1A7].