



Mouse Anti-Human Prostate Cocktail monoclonal antibody, clone JID764 (CABT- L3014)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Prostate Cocktail
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID764
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Prostate
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml

Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA
Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Prostate Cocktail is a combination of Cytokeratin 1, Cytokeratin 5, Cytokeratin 10, Cytokeratin 14, and p63. These four high molecular weight cytokeratins are found in basal epithelia of the prostate gland. p63 is a tumor suppressor protein found in basal epithelial nuclei of the normal prostate, while being negative in malignant tumors associated with the prostate gland, and is therefore useful in differentiating between benign and malignant prostate lesions.
Keywords	Human Prostate Tumor;Prostate cancer;Prostate;Prostate Tumor;Prostate;prostate;Prostration;Prostate Mucin Antigen;PMA