Ready-to-use IHC Kit

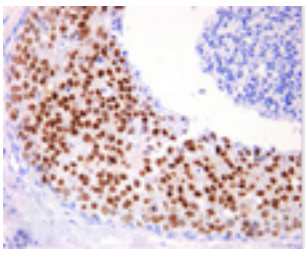
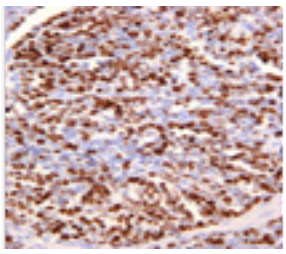
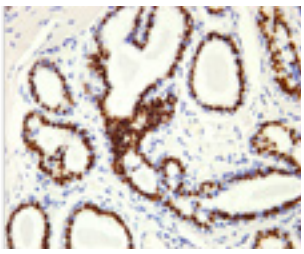
One step/Biotin Free/Complete kit for ICH/ICC applications (K405-50)

Immunohistochemistry (IHC)/Immunocytochemistry (ICC) is the localization of antigens in tissue sections/cells by the use of labeled antibodies –acting as specific reagents- through antigen-antibody interactions that are visualized by markers such as fluorescent dye, enzyme, radioactive element or colloidal gold. Several IHC techniques are commonly used: biotin-labeled secondary antibody, streptavidin-peroxidase, HRP & anti-HRP, ABC catalyzed signal amplification, polymer system (one or two steps), etc. to detect antigens in tissues and cells.

BioVision's Ready-to-use IHC kit employs a proprietary polymer technology that provides increased sensitivity and detection. Our one-Step anti-mouse, Rat and Rabbit IgG (H+L) is a biotin/avidin free system that stains membrane, cytoplasmic and nuclear antigens. It provides the user with a rapid and easy to use IHC detection system.

Key Features:

- **Ready to use**
- **One Step Protocol:** one fast reagent (30 minutes) detecting the targeted antigen
- **Complete set of reagents: K405** kit includes Blocking, Dilution Buffer, Substrate and secondary antibody (polymer Rat & Rabbit Ab) sufficient for 50 slides
- **Fast protocol:** takes 1-2 hours to complete (Blocking→Staining)

	A.	B.	C.
			
Primary Antibody	**anti-estrogen**	**anti-Ki-67**	**anti-progesterone**
Sample Type	Cancer Tissue	Normal Tissue	Cancer Tissue

Figures: A-C Formalin-fixed breast normal and cancer tissues. All tissues were incubated with a primary antibody and secondary antibody (provided in the kit). All tissues were stained with chromogen DAB & counterstained with Hematoxylin. All staining procedures were carried out according to kits protocols

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