

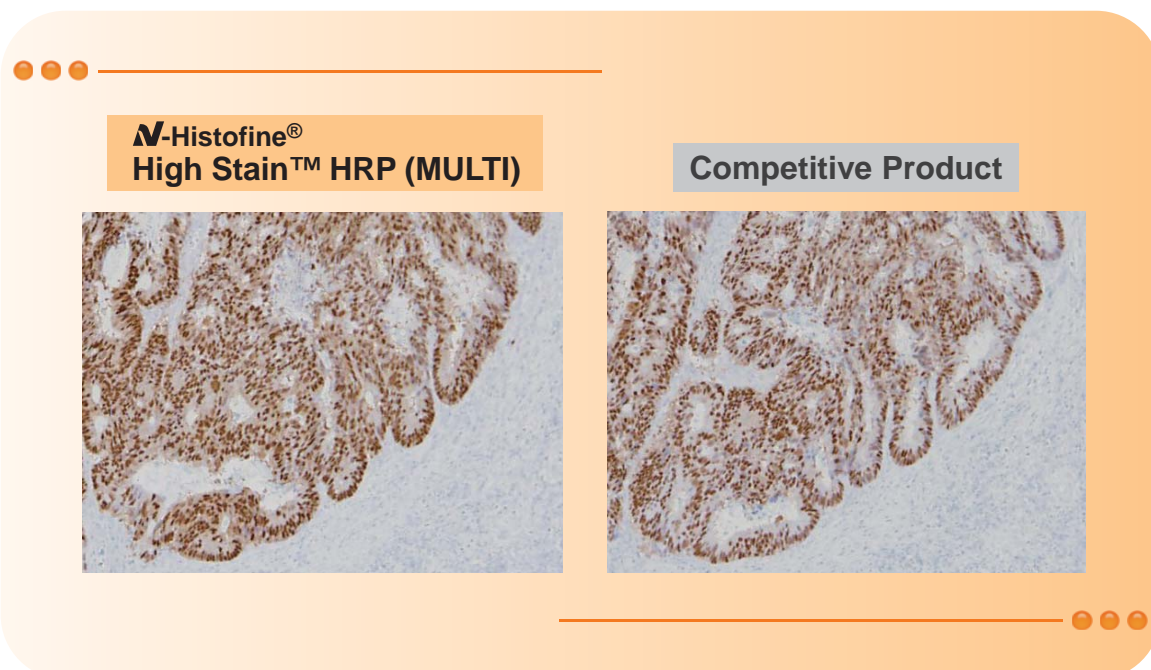
2 Step Polymer Detection System

For **Human** Tissue Sections

N-Histofine® High Stain™ HRP (MULTI)

Feature

N-Histofine® High Stain™ HRP (MULTI) is a detection system to IHC staining providing enhanced staining performance adopted Universal Immuno-enzyme Polymer (UIP) method (US. Patent No. 6,252,053) developed by Nichirei Biosciences Inc. It is applicable to detection of mouse primary antibody and rabbit primary antibody for formalin-fixed paraffin-embedded human tissue sections. It is the labeled polymer prepared by combining amino acid polymers with multiple molecules of peroxidase (HRP) and secondary antibody which is reduced to Fab' fragment. To eliminate back-ground staining, solid-phase adsorption of secondary antibody is carried out with human serum.



Protocol



NICHIREI BIOSCIENCES INC.

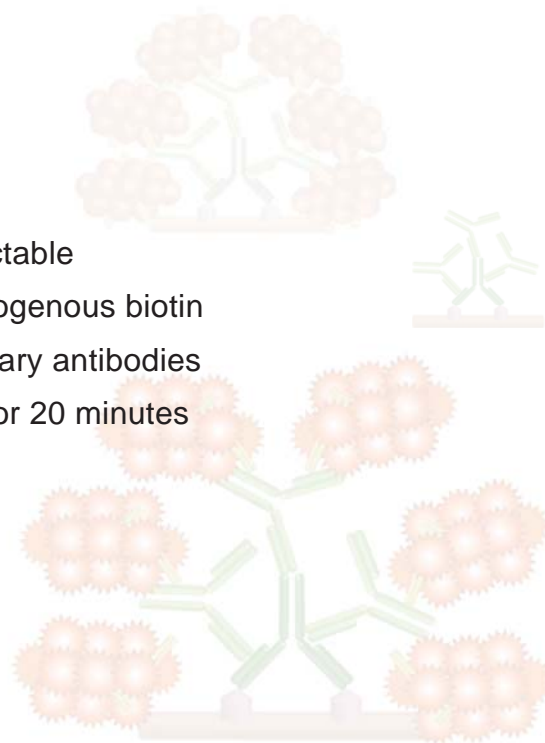
Benefits

High Sensitivity

- High intensity of staining
- Low expression of antigen is detectable
- No background unaffected by endogenous biotin
- Applicable to mouse or rabbit primary antibodies
- Shortened reaction time → only for 20 minutes

Cost Effective

- Saving your primary antibodies



CDX-2 Rabbit-Monoclonal antibody
(Code: 418011F)

Human colon cancer

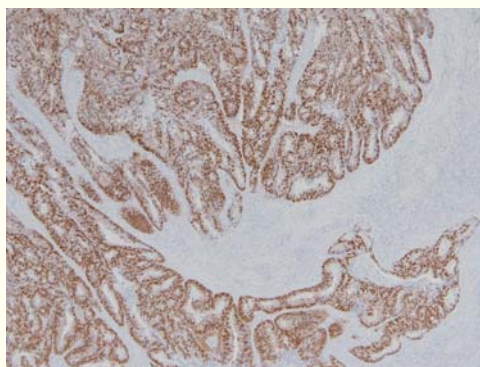
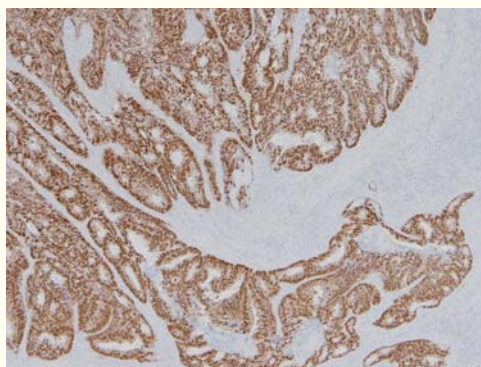
Positive reaction is observed in nuclei of tumor cells.

M-Histofine® **High Stain™ HRP (MULTI)**

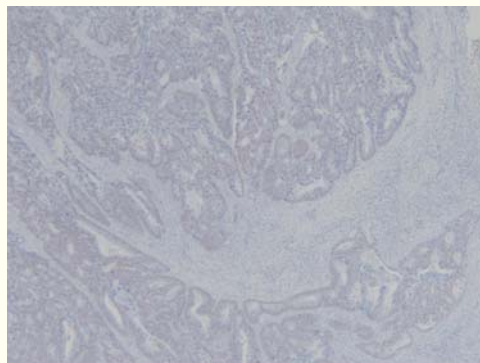
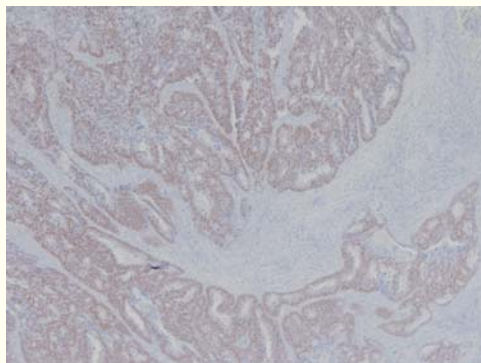
Competitive Product

Dilution of
primary
antibody

× 1



× 5



**Cyclin D1 Rabbit-Monoclonal antibody (Clone: SP4)
(Code: 413521F)**

**Human breast cancer
(metastasis to liver)**

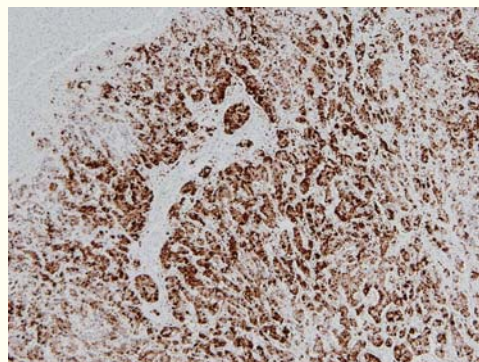
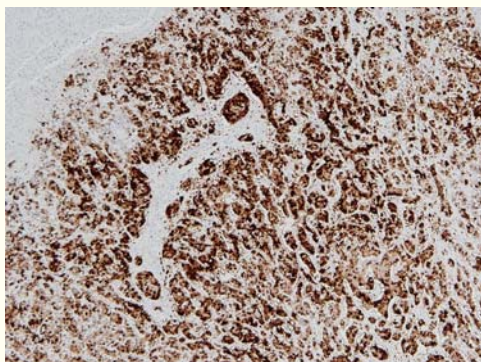
Positive reaction is observed in nuclei of tumor cells.

**N-Histofine®
High Stain™ HRP (MULTI)**

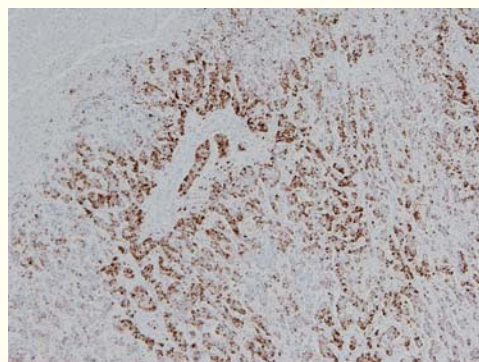
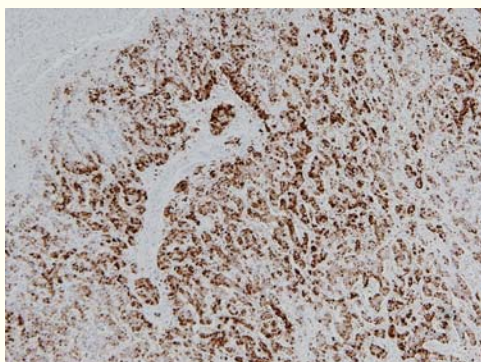
Competitive Product

Dilution of
primary
antibody

× 1



× 5



**EGFR Mouse-Monoclonal antibody (Clone: 31G7)
(Code: 423701F)**

Human colon cancer

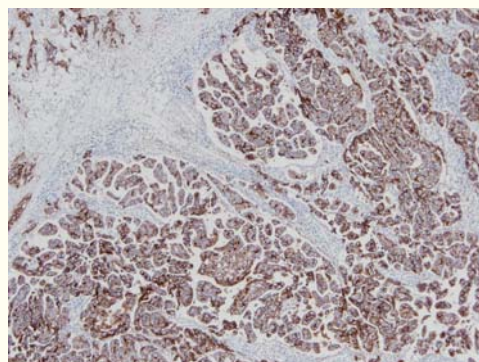
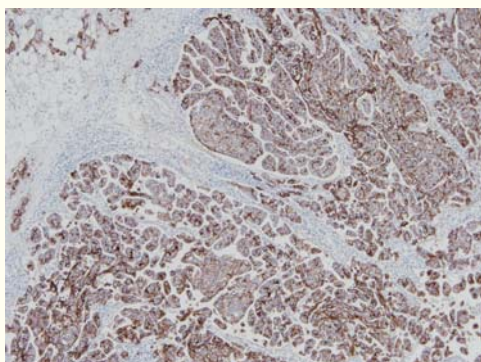
Positive reaction is observed in cytomembrane and cytoplasm of tumor cells.

**N-Histofine®
High Stain™ HRP (MULTI)**

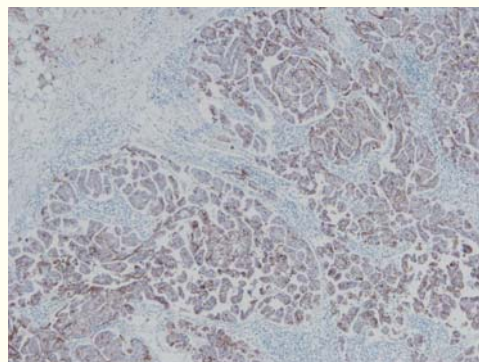
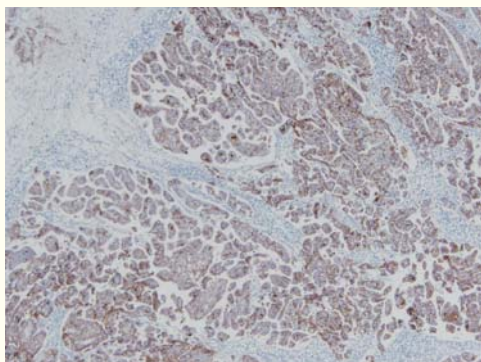
Competitive Product

Dilution of
primary
antibody

× 1

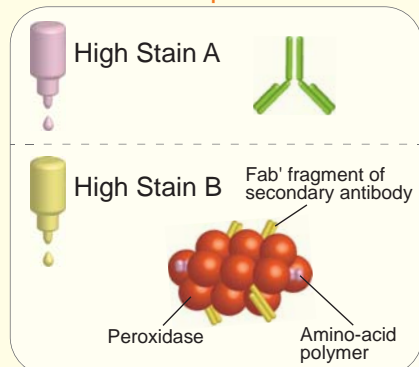


× 5



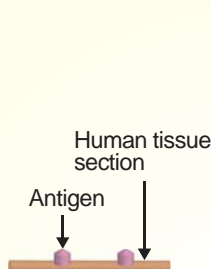
Principle & Procedure

Kit components



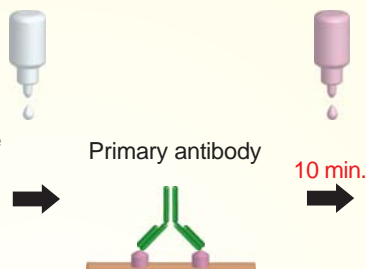
Step 1

Add mouse or rabbit primary antibody*.



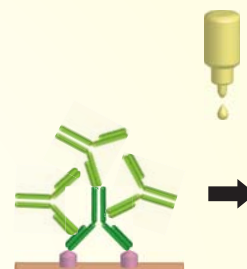
Step 2

Add High Stain A.



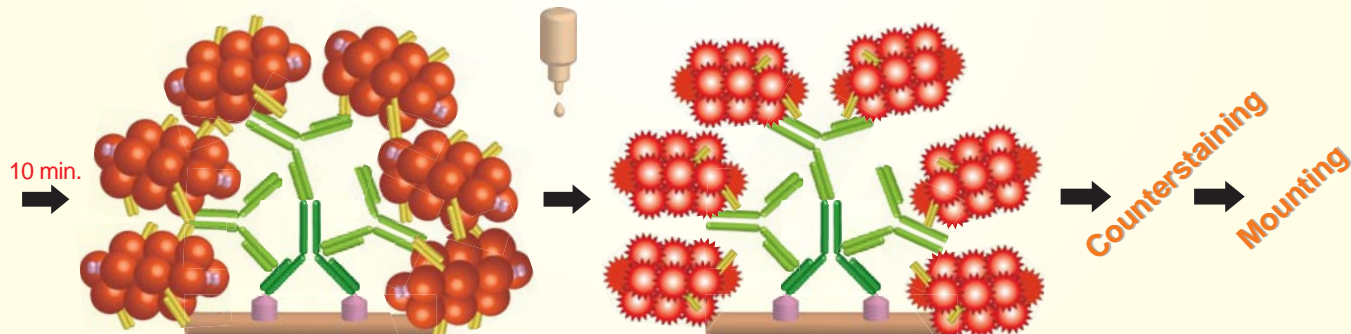
Step 3

Add High Stain B.



Step 4

Add substrate solution*.



*Primary antibody and substrate solution are not provided.

Product List

Liquid. Ready to use.

Product Name	Tests	Volume	Code	For use with
N -Histofine® High Stain™ HRP (MULTI)	170	17ml each	414481F	Mouse and Rabbit primary antibody
High Stain™ Solution A				
High Stain™ Solution B	1,000	17ml x 6 each	414483F	

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