

2 Step Polymer Detection System

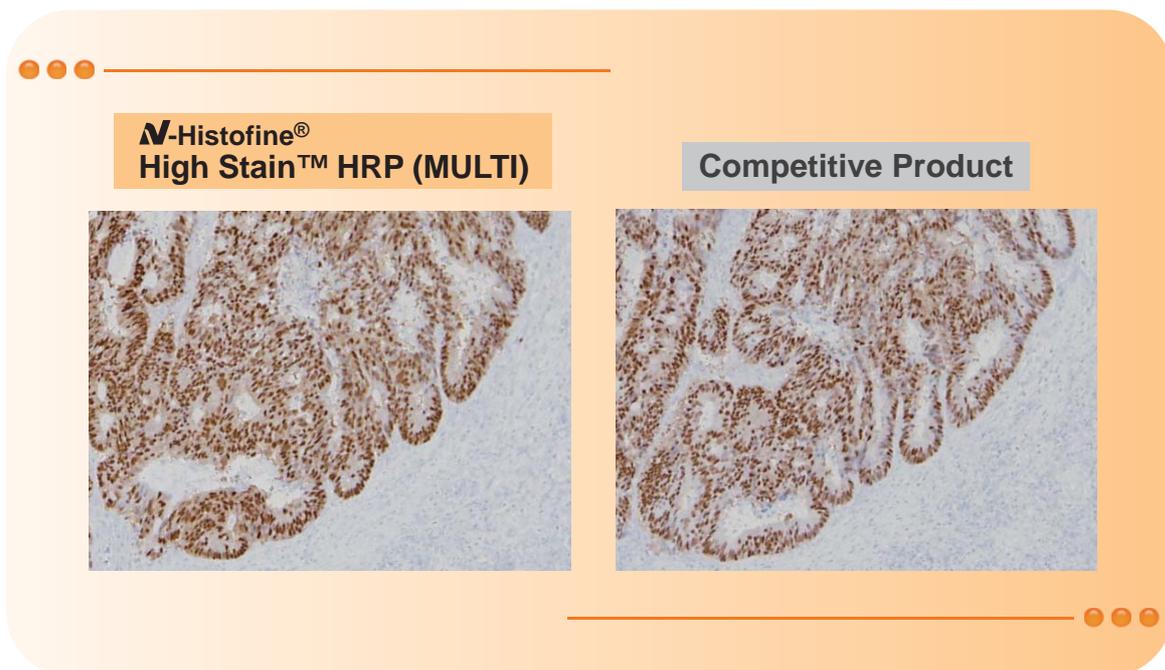
N-Histofine[®] High Stain[™] HRP (MULTI)

Feature

N-Histofine[®] High Stain[™] HRP (MULTI) is a **2 Step Polymer Detection System to IHC staining** providing more amplified staining intensity compared with conventional 1 step polymer detection system. This system is applicable to both of mouse and rabbit primary antibodies and is for formalin-fixed, paraffin-embedded tissue sections.

The Universal Immuno-enzyme Polymer (UIP) method* developed by Nichirei Biosciences Inc. was adopted for this system.

* US. Patent No.6252053, 6613564 and EPC Patent No.0992794.



Protocol



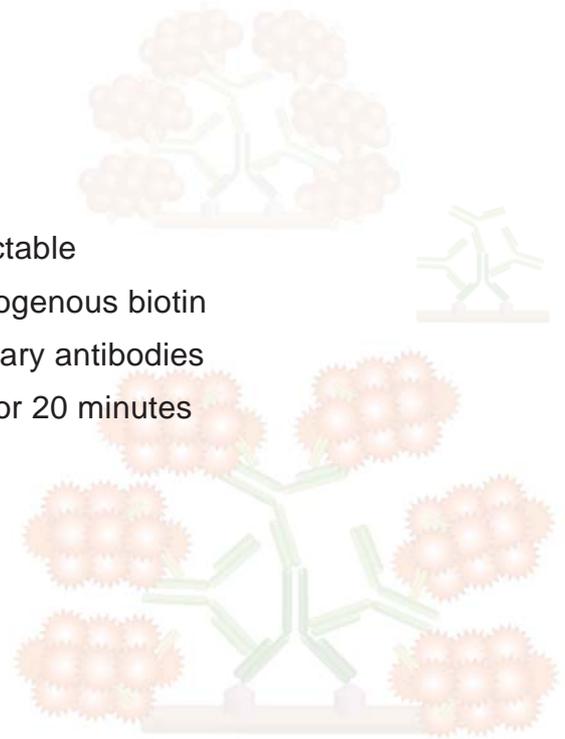
Benefits

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

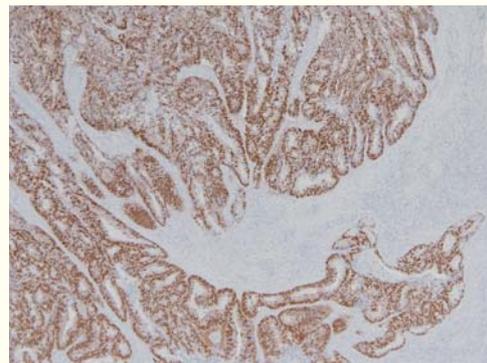
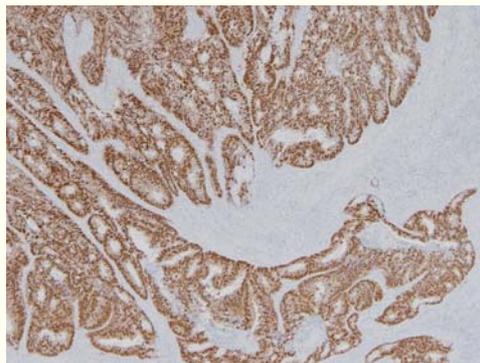
Positive reaction is observed in nuclei of sporadic tumor cells.

M-Histofine[®] High Stain[™] HRP (MULTI)

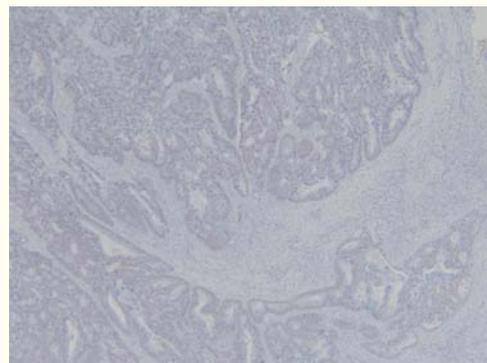
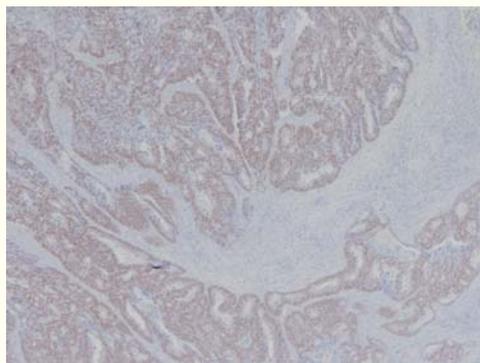
Competitive Product

Dilution of
primary
antibody

× 1



× 5



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

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

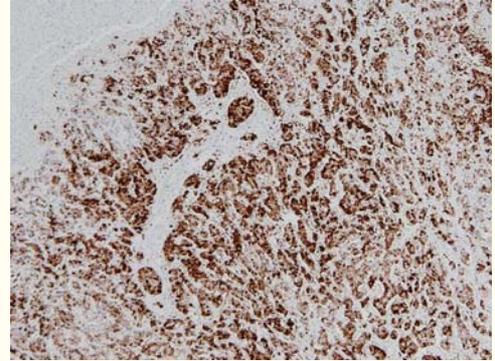
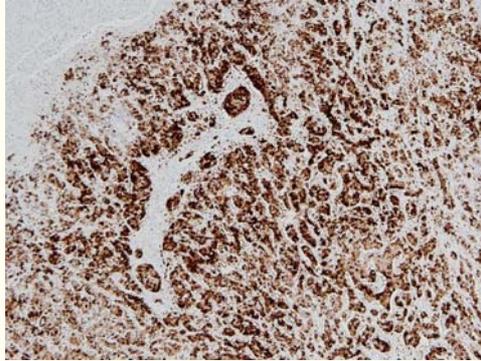
Positive reaction is observed in nuclei of sporadic tumor cells.

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

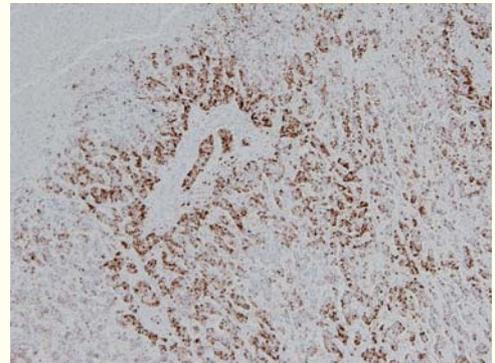
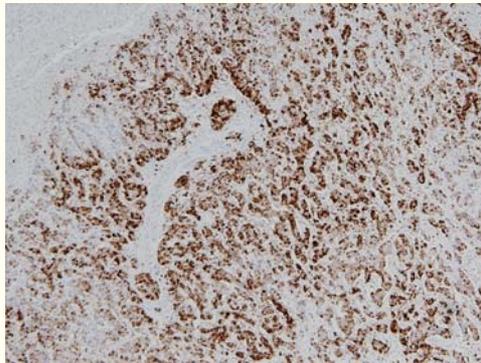
Competitive Product

Dilution of
primary
antibody

× 1



× 5



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

Human colon cancer

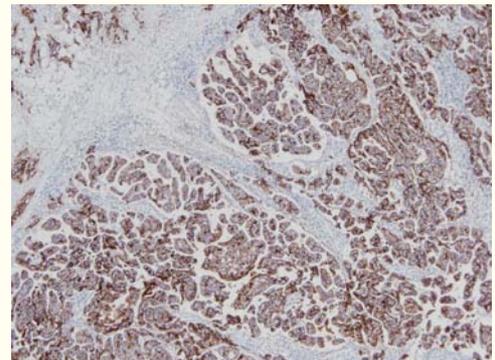
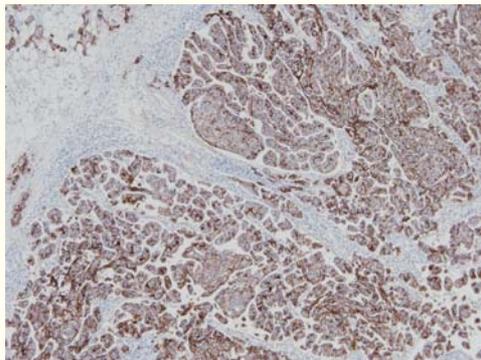
Positive reaction is observed in cytomembrane and cytoplasm of sporadic tumor cells.

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

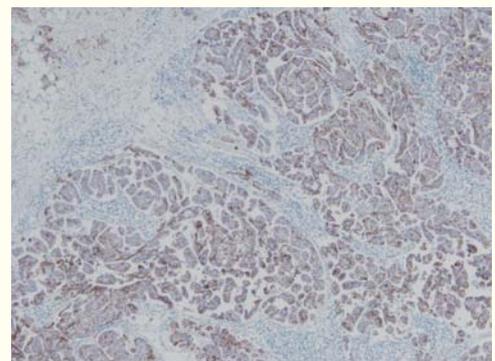
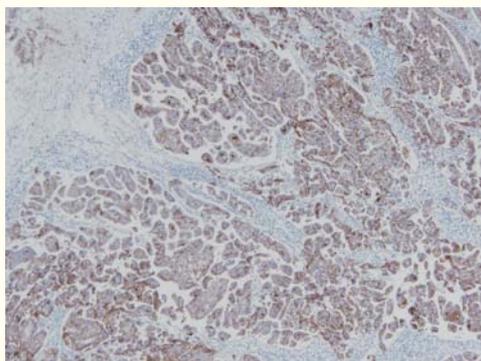
Competitive Product

Dilution of
primary
antibody

× 1

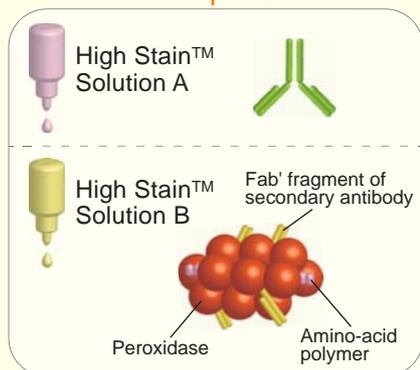


× 5



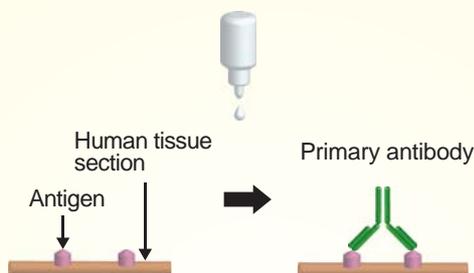
Principle & Procedure

Kit components



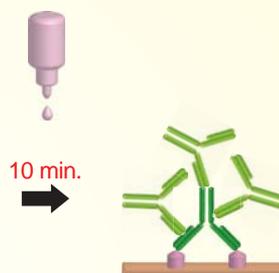
Step 1

Add mouse or rabbit primary antibody*.



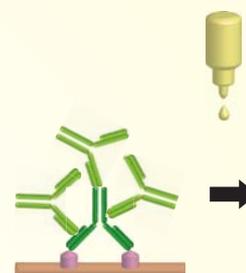
Step 2

Add High Stain™ Solution A.



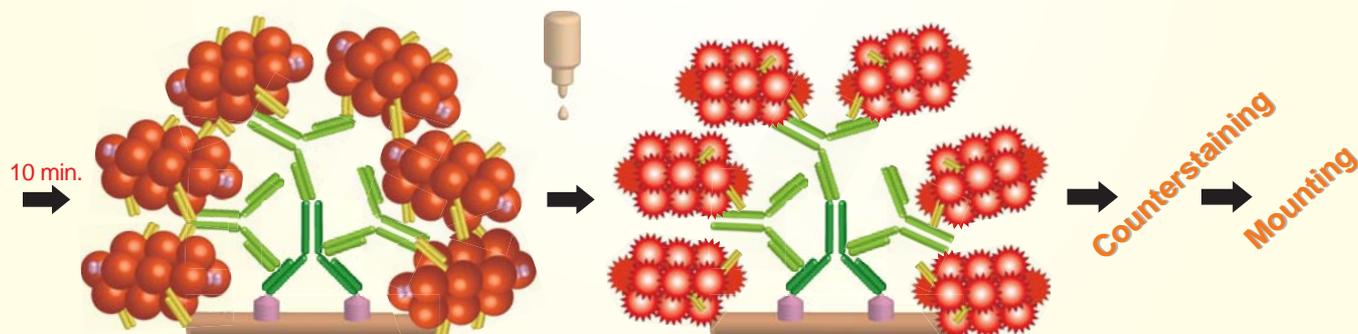
Step 3

Add High Stain™ Solution 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	1,000	17ml x 6 each	414483F	
High Stain™ Solution B				

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