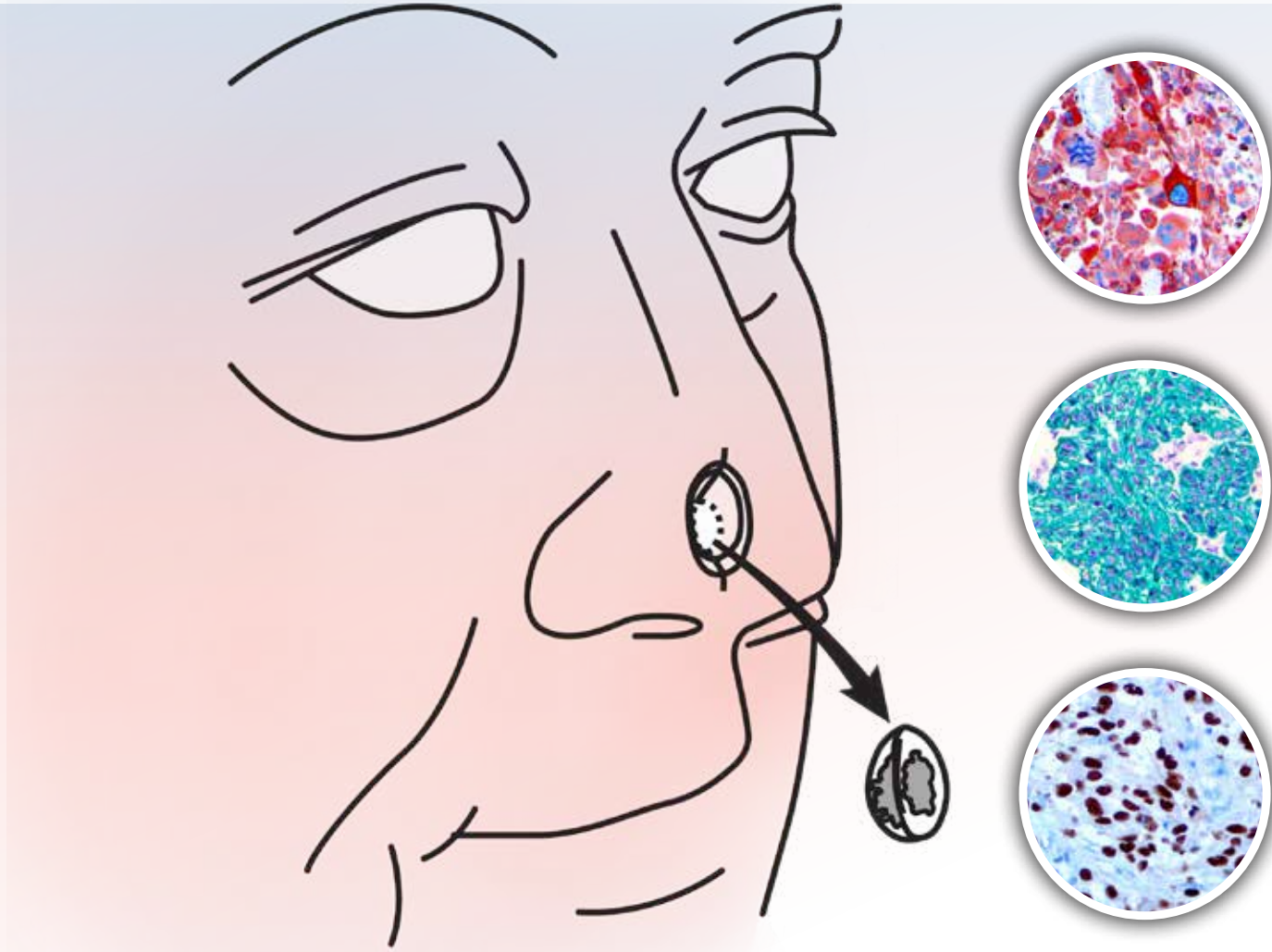


FAST MOHS

IMMUNOHISTOCHEMISTRY

Quality Antibodies | Sensitive Detection | Less Time



FAST 5-20 MINUTE IHC PROTOCOLS

A selection of antibodies, detection systems, and chromogens for fast IHC cancer detection after Mohs surgery.

The most common reason for recurrence of skin cancers after Mohs micrographic surgery is residual undetected tumor. Frozen tissue Immunohistochemistry (IHC) has demonstrated greater sensitivity than routine H&E stains, which are difficult to interpret. Bio SB has developed a highly sensitive non-biotin monovalent Fab micropolymer IHC detection system for the detection of IVD antibodies for melanoma, BCC, SCC and other Mohs surgery related conditions. Our innovative IHC detection systems and high affinity monoclonal antibodies, have opened the doors for a faster and accurate immunohistochemistry applicable to Mohs surgery.

BCC, SCC and Carcinoma Antibodies

TintoFast Androgen Receptor, MMab
TintoFast CD31, MMab
TintoFast Cytokeratin 5/6, MMab
TintoFast Cytokeratin Cocktail, AE1/AE3, MMab
TintoFast EpCAM BerEP4, MMab
TintoFast EMA, MMab
TintoFast p40, RMAb
TintoFast p63, MMab
TintoFast Podoplanin, MMab
TintoFast NGFR, MMab

Dermatofibrosarcoma Protuberans (DFSP) Antibodies

TintoFast CD34, MMab

Melanoma Antibodies

TintoFast Ki-67, RMAb
TintoFast MART-1, MMab
TintoFast Melanoma Cocktail (MART-1, Melanosome HMB-45, Tyrosinase), MMab
TintoFast Melanosome HMB-45, MMab
TintoFast MiTF, MMab
TintoFast PRAME, RMAb
TintoFast SOX-10, MMab

Neuroendocrine Tumor Antibodies

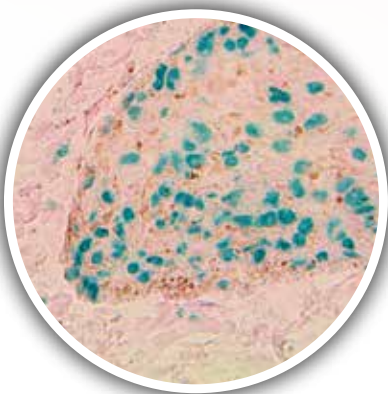
TintoFast Chromogranin A, MMab
TintoFast Synaptophysin, RPAb

Paget's Disease Antibodies

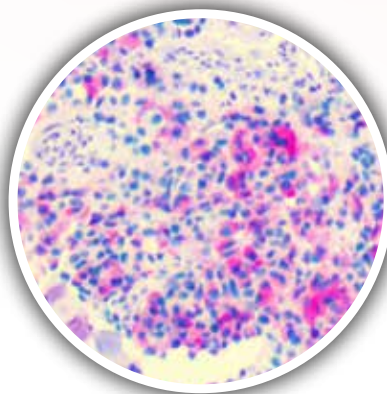
TintoFast Cytokeratin 7, MMab

Primary Cutaneous Adnexal Neoplasm Antibodies

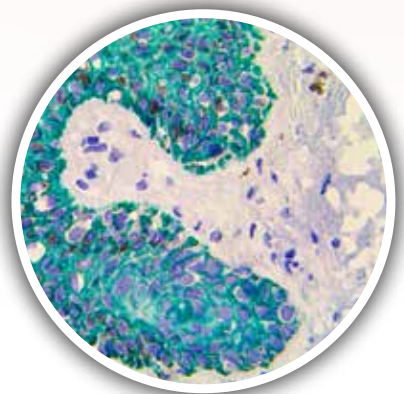
TintoFast Adipophilin, MMab
TintoFast Androgen Receptor, MMab
TintoFast Cytokeratin 5/6, MMab
TintoFast EMA, MMab
TintoFast p63, MMab
TintoFast Podoplanin, MMab



SOX-10 using Mohs PolyDetector Plus HRP Green on a Frozen Mohs Melanoma



PRAME using Mohs PolyDetector Plus HRP Green and MART-1 using ALK Scarlet on a Frozen Melanoma Tissue



CK AE1 / AE3 using Mohs Poly-Detector Plus HRP Green on a Frozen Mohs Melanoma

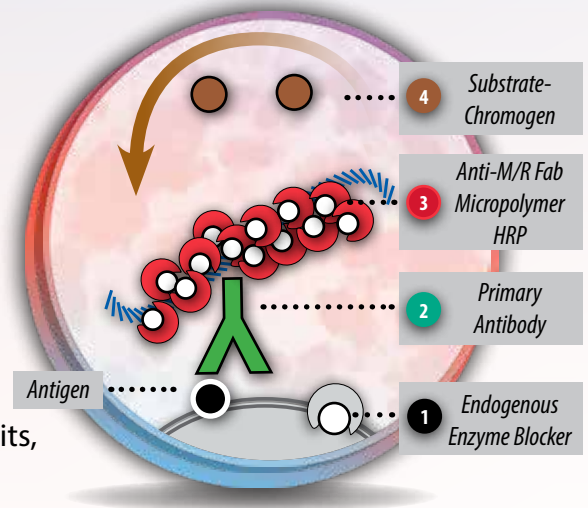
Fast Mohs PolyDetector HRP Detection Systems



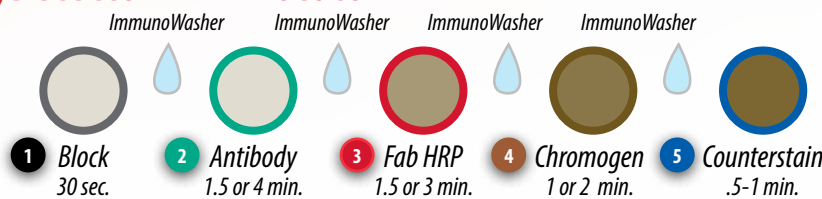
The Bio SB Mohs PolyDetector is a non-Biotin, Fab Micropolymer detection system that allows for the demonstration of antigens in FFPE tissues, Mohs cryostat sections, blood smears, cytosmears, and cell preparations. The Bio SB Mohs PolyDetector technology was developed with our proprietary Micropolymer backbone, conjugated to Anti-Mouse and Anti-Rabbit Fab fraction of IgG's, plus high quality HRP. The elimination of the immunoglobulin Fc region reduces non-specific reactions and background. This ensures consistent and reproducible immunostaining for all types of nuclear, cytoplasmic and membranous antigens, in different types of tissues. The increased sensitivity of this system allows for rapid staining procedures without compromising the stain quality. The Bio SB Mohs PolyDetector HRP Detection System is recommended for easy to detect antigens like MART-1 and Cytokeratins. For other antigens, we recommend the Mohs PolyDetector Plus HRP Detection System.

Fast Mohs Fab PolyDetector HRP Overview

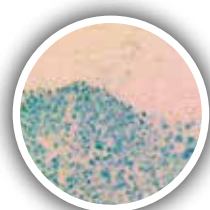
- Non-Biotin, Fab Micropolymer HRP 1-Step immunohistochemistry detection technology.
- Recommended for MART-1 and Cytokeratins.
- Fab Micropolymer detection technology allows for better cell penetration to deliver a highly specific and sensitive signal.
- Ready-to-use, high sensitivity system especially designed for immunohistochemistry of frozen tissues.
- Developed as DAB HRP Brown and HRP Green detection kits, but can be used with the AEC HRP Red, HRP Blue and HRP Black substrate-chromogens.
- Designed to be used manually, or can be optimized to work with any open, automated system.
- For in vitro diagnostic use. All kits manufactured according to US FDA and ISO 13485 guidelines.



Fast Mohs Fab PolyDetector HRP Protocol



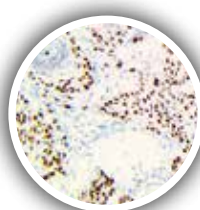
Presentations & Volumes



**p40
HRP Green**

Mohs PolyDetector DAB Plus HRP Brown

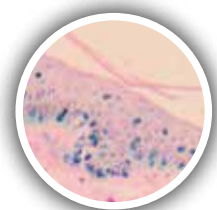
Volume	Catalog #
5 ml	BSB-0355-5
15 mL	BSB-0355-15
50 mL	BSB-0355-50
100 mL	BSB-0355-100



**p63
DAB HRP Brown**

Mohs PolyDetector HRP Plus Green

Volume	Catalog #
5 ml	BSB 0356-5
15 mL	BSB 0356-15
50 mL	BSB 0356-50
100 mL	BSB 0356-100

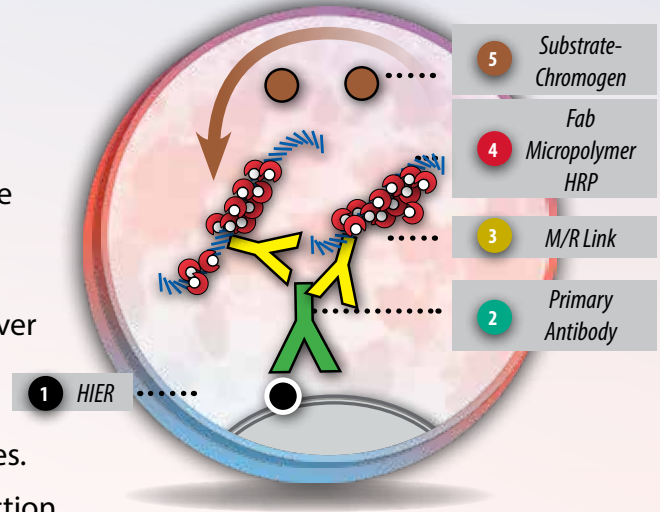


**PRAME
HRP Green**

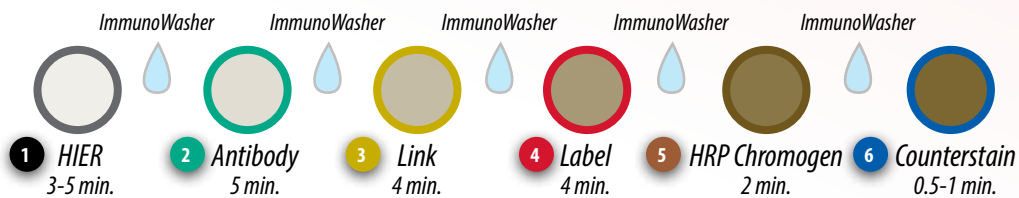
The Bio SB Mohs PolyDetector Plus is a highly sensitive non-Biotin, Fab Micropolymer detection system that allows for the demonstration of antigens in FFPE tissues, Mohs cryostat sections, blood smears, cytospreads, and cell preparations. The Bio SB Mohs PolyDetector Plus technology was developed with our proprietary Micropolymer backbone, conjugated to Anti-Link Fab fraction of IgG's, plus high quality HRP. The elimination of the Anti-Link Fc region reduces non-specific reactions and background. The Mohs PolyDetector Plus kit incorporates an immunoglobulin link and a Fab micropolymer label. This multiple component Fab Micropolymer delivers a highly sensitive and more specific signal than the Mohs PolyDetector kit. It is recommended for easy to detect antigens and more difficult to detect antigens like nuclear targets.

Fast Mohs Fab PolyDetector Plus HRP Overview

- Non-Biotin, 2-Step immunohistochemistry detection technology.
- Recommended for easy to detect antigens and more difficult to detect antigens like nuclear targets.
- Anti-mouse and rabbit Fab Micropolymer detection technology allows for better cell penetration to deliver a highly specific and sensitive signal.
- Ready-to-use, high sensitivity system especially designed for immunohistochemistry of frozen tissues.
- Developed as DAB HRP Brown and HRP Green detection kits, but can be used with the AEC HRP Red, HRP Blue and HRP Black substrate-chromogens.
- For in vitro diagnostic use. All kits manufactured according to US FDA and ISO 13485 guidelines.



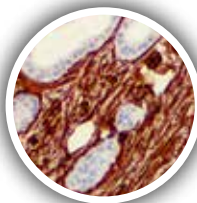
Fast Mohs Fab PolyDetector Plus HRP Protocol



Presentations & Volumes

Mohs PolyDetector Plus DAB Plus HRP Brown

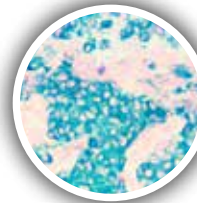
Volume	Catalog #
5 ml	BSB-0355-5
15 mL	BSB-0355-15
50 mL	BSB-0355-50
100 mL	BSB-0355-100



**CD34
DAB HRP Brown**

Mohs PolyDetector Plus HRP Plus Green

Volume	Catalog #
5 ml	BSB 0310S
15 mL	BSB 0310
50 mL	BSB 0311
100 mL	BSB 0312



**MART-1
HRP Green**

Mohs ImmunoDigestor

Volume	Catalog #
15 mL	BSB 0324
50 mL	BSB 0325
100 mL	BSB 0326

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