

PRODUCT DATA SHEET

POLYVIEW[®] IHC reagent (mouse-HRP)

ADI-950-112

Highest sensitivity, lowest background nanopolymer detection reagent for use with HIGHDEF® chromogens.

Product Number/Sizes

ADI-950-112-0100 100 tests

- Biotin-free nanopolymer detection circumvents endogenous biotin background
- · High intensity color development delivers sharp, crisp staining
- Customize with HIGHDEF® chromogens of your choice (sold separately)

The POLYVIEW® (mouse-HRP) IHC detection reagent is a non-biotin one-step detection reagent suitable for demonstrating antigens in formalin-fixed paraffin-embedded tissues and frozen sections. The HRP detection reagent may also be used with blood smears, cytosmears, and cell preparations.

Product Specifications

APPLICATIONS: IHC

KIT/SET CONTAINS: Anti-Mouse HRP detection reagent

SHIPPING: Blue Ice Not Frozen

LONG TERM STORAGE: +4°C

TECHNICAL INFO/PRODUCT NOTES:

POLYVIEW® IHC detection reagent (mouse-HRP) has been developed by directly labeling anti-mouse immunoglobulins with enzymes using a proprietary tandem hyperlabelling technology. This ensures consistent and reproducible immunodetection of mouse antibodies against nuclear, cytoplasmic and

membrane antigens in different types of tissues. The POLYVIEW[®] IHC detection reagent (mouse-HRP) enables faster staining procedures than traditional two-step methods using biotin and avidin/streptavidin conjugates, with significantly lower background. The kit is suitable for use with mouse all Ig antibodies, both monoclonal and polyclonal. The reagents can be used for manual staining or with automated staining instruments and are well suited for multiplex immunohistochemical staining assays.

Application Note:

Compatibility of POLYVIEW $^{\otimes}$ IHC Detection Reagents and HIGHDEF $^{\otimes}$ IHC Chromogens with Automated IHC Slide Stainers

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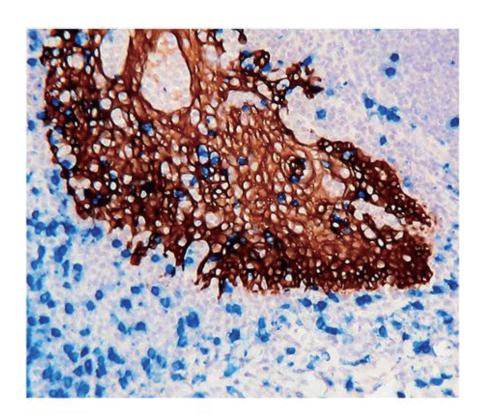
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T 1-631-694-7070 F 1-610-941-9252

E info-usa@enzolifesciences.com www.enzolifesciences.com





Immunohistochemistry analysis using MULTIVIEW® (mouse-HRP/mouse-AP) IHC kit (Prod. no. ADI-950-101): Formalin fixed paraffin embedded human tonsil double stained sequentially with a CK 5/14 mouse antibody, labeled with POLYVIEW® IHC reagent (mouse-HRP) (Prod. No. ADI-950-112), seen with HIGHDEF® IHC substrate (DAB, stable) (Prod. No. ADI-950-212); then a CD8 mouse antibody labeled with POLYVIEW® IHC reagent (mouse-AP) (Prod. No. ADI-950-110), seen with HIGHDEF® blue IHC chromogen (AP) (Prod. No. ADI-950-150) to produce a contrasting brown and blue image.

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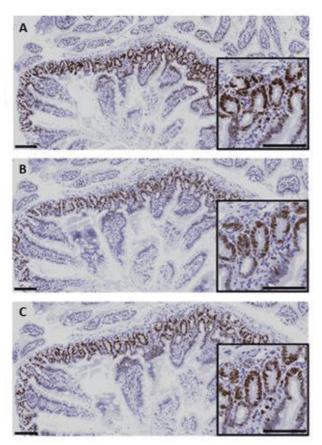
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Expression of BrdU in mouse intestine. Immunohistochemistry staining of BrdU (A, B, C) in formalin-fixed paraffin-embedded mouse intestine using POLYVIEW® IHC reagent (mouse-HRP) (Prod. No. ADI-950-112) and HIGHDEF® IHC chromogen substrate (DAB, stable) (Prod. No. ADI-950-212) from Enzo Life Sciences (A), Dako (B), and Vector Labs (C).

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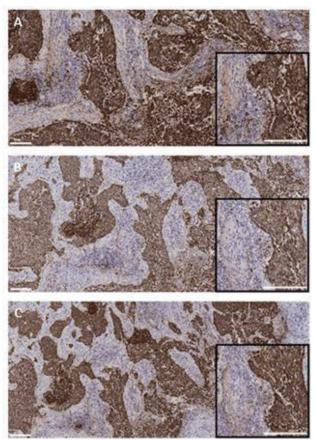
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Expression of pan-cytokeratin in human lung carcinoma. Immunohistochemistry staining of pan-cytokeratin (A, B, C) in formalin-fixed paraffinembedded human lung carcinoma using POLYVIEW® IHC reagent (mouse-HRP) (Catalog# ADI-950-112) and HIGHDEF® IHC chromogen substrate (DAB, stable) (Catalog# ADI-950-212) from Enzo Life Sciences (A), Dako (B), and Vector Labs (C).

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