

Intensi/Fire

K 045

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Intended Use

For In Vitro Diagnostic Use

Summary and Explanation

One of the hallmarks of successful IHC is the strength of the signal generated during immunostaining. DAB, widely used as a chromogen for immunoperoxidase staining, has been well accepted by pathologists due to its superior performance compared to amino ethylcarbazole (AEC). Tissue specimens stained with DAB after only a brief incubation show increased staining intensity when Intensi/Fire is applied.

1. Intensi/Fire increases sensitivity of the detection system by several folds.
2. It allows the cost-effective option of diluting the primary antibody 5 to 10 fold.
3. Intensi/Fire increases the signal intensity without creating any background staining.

Principles of the Procedures

Increase intensity of immunostaining utilizing DAB as chromogen.

Reagents Provided

Amber 1X Working Solution	15 mL
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Materials Required But Not Provided

Some of the reagents and materials required for IHC are not provided. Pretreatment reagents, detection systems, control reagents and other ancillary reagents are available from Diagnostic BioSystems. Please refer to the Diagnostic BioSystems website at www.dbiosys.com.

Storage and Handling

Store room temperature, do not use beyond the expiration date on the label.

Staining Procedure

1. Follow standard IHC protocol.
2. After incubating sections with DAB reagent, rinse slides with distilled water.
3. Apply Intensi/Fire solution for 60 seconds.
4. Rinse in buffer and continue with counter staining.

Precautions

1. Consult local and/or state authorities with regard to recommended method of disposal.
2. Materials of human or animal origin should be handled as biohazardous materials and disposed of with proper precautions.
3. Avoid microbial contamination of reagents. Contamination could produce erroneous results.
4. This reagent may cause irritation. Avoid contact with eyes and mucous membranes.

5. If reagent contacts these areas, rinse with copious amounts of water.
6. Do not ingest or inhale any reagents.

Troubleshooting

If unexpected staining is observed which cannot be explained by variations in laboratory procedures and a problem is suspected, contact Diagnostic BioSystems Technical Support at (925) 484-3350, extension 2 or techsupport@dbiosys.com.

