HIGHDEF® Red IHC Chromogen (HRP)

The HIGHDEF® Red IHC Chromogen can be used in conjunction with peroxidase-based immunostaining systems. Peroxidase from the immunodetection system reacts with hydrogen peroxide substrate to degrade it, which reacts with AEC, precipitating it at positive sites yielding a reddish brown colored product.

Application Note

Three-color IHC Staining On Free-floating Sections From Human Brain Tumor Phenotyping and Immune Cell Regulation using Multiplex IHC

Citations: 4 View Online »

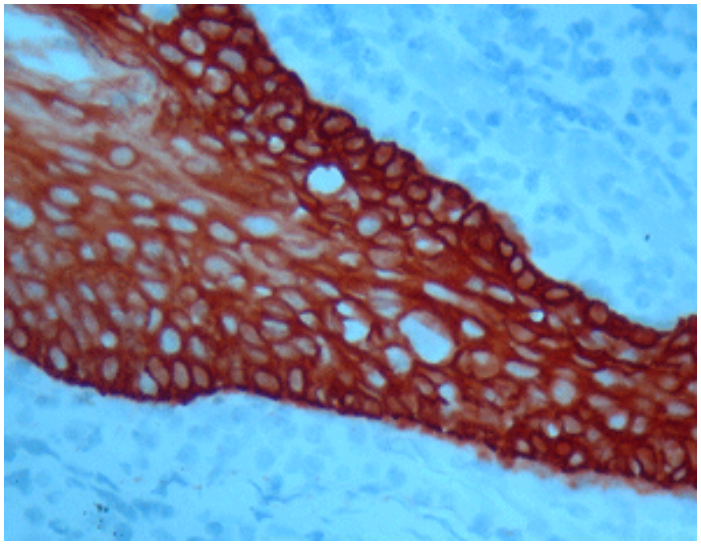
Ordering Information

Order Online »

ADI-950-210-0030	30ml

Manuals, SDS & CofA

View Online »



Immunohistochemistry analysis: Formalin fixed paraffin embedded human tonsil stained with a high molecular weight CK antibody labeled with HIGHDEF® IHC substrate (AEC, stable) (Prod. no. ADI-950-210) produces a robust red color.

Handling & Storage

Handling	Protect from light.
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	Amber solution.
Application	IHC
Formulation	Liquid. HIGHDEF® substrate (AEC, stable).
Technical Info / Product Notes	HIGHDEF® Red IHC Chromogen is a single, highly stable, AEC chromogen/substrate working solution. When used in conjunction with immunoperoxidase detection systems, AEC produces a red colored end product at positive sites, yielding strong contrast when combined with a blue hematoxylin counterstain. AEC has been well accepted among pathologists because it is less chemically hazardous than DAB. Specimens stained using HIGHDEF® Red IHC Chromogen cannot be dehydrated in ethanol and must be mounted in an aqueous-based mounting medium such as HIGHDEF® IHC mount (Prod. no. ADI-950-261).

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