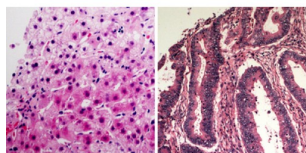


AEC Chromogen Kit

Catalogue No.: abx097196



Immunohistochemical staining of human liver carcinoma and human colon carcinoma formalin-fixed paraffin-embedded tissue, using AEC Chromogen Kit. The section was then counterstained with hematoxylin and mounted with neutral gum.

AEC Chromogen Kit contains AEC (3-Amino-9-Ethylcarbazole), a widely used chromogen for immunohistochemical staining. AEC is a substrate for peroxidase and produces a red product that is soluble in alcohol and must be used with an aqueous counterstain and mounting media. It produces a clean, intense stain that is free of unwanted background.

Kit components:

- PBS: 2 × 30 ml
- Substrate Reagent: 3 ml
- AEC Chromogen: 3 ml

Tested Applications: WB, IHC, DB

Storage: Store all components between 2-8 °C.

Buffer: Contains AEC.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

Directions for use:

1. Shortly before incubation, prepare the Working AEC Substrate Reagent by adding to a clean tube 1 ml PBS, 50 µl Substrate Reagent and 50 µl AEC Chromogen. Mix thoroughly.
2. Apply 50-100 µl of Working AEC Substrate Reagent to each slide. Incubate for 5-10 minutes.
3. When sufficient staining has been achieved, rinse slides in PBS for 3 minutes. Repeat this wash step for a total of 3 times.

Notes:

- Do not use solutions containing alcohol for counterstaining, as the AEC stain is soluble in organic solvents.
- The nitrocellulose strip will normally have a slight reddish background.
- Use personal protective equipment (PPE) such as lab coats, gloves and goggles, when carrying out the assay.