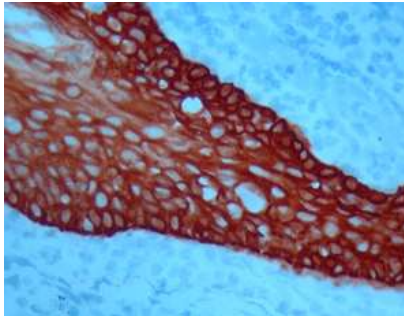


UltraBrite™ RED IHC chromogen (HRP)

CATALOG NO:	M1312-30
AMOUNT:	30 ml
FORM:	Liquid
STORAGE CONDITIONS:	+4°C
SHELF LIFE:	Stable up to 12 months. Chromogen is light sensitive, store away from light.
APPLICATIONS:	IHC, ISH (in situ hybridization)

BACKGROUND: UltraBrite™ 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 UltraBrite™ Red IHC Chromogen cannot be dehydrated in ethanol and must be mounted in an aqueous-based mounting medium



Immunohistochemistry analysis: Formalin fixed paraffin embedded human tonsil stained with a high molecular weight CK antibody labeled with UltraBrite™ IHC substrate (AEC, stable) produces a robust red color.

UltraBrite™ RED IHC CROMOGEN (HRP) PROTOCOL:

1. Once sections have been incubated with peroxidase, wash with wash buffer.
2. Blot slides to remove excess buffer. Add enough drops of UltraBrite™ Red IHC Chromogen to cover tissue sections.
3. Incubate for 5-15 minutes at room temperature. For best results, observe reaction under a microscope for signal development. Once desired signal-to-noise ratio is achieved, stop the reaction by washing slides in DI H₂O.

RELATED PRODUCTS:

- UltraBrite™ Red IHC chromogen (AP) (Cat. No. M1305-30)
- UltraBrite™ Red IHC chromogen (AP Plus) (Cat. No. M1306-30)
- UltraBrite™ Blue IHC chromogen (AP) (Cat. No. M1307-30)
- UltraBrite™ Blue IHC chromogen (HRP) (Cat. No. M1308-30)
- UltraBrite™ Green IHC chromogen (AP) (Cat. No. M1309-30)
- UltraBrite™ Yellow IHC Chromogen (HRP) (Cat. No. M1310-30)
- UltraBrite™ Black IHC chromogen (HRP) (Cat. No. M1311-30)

For Research Use Only! Not to be used in humans.