

Instructions For Use EBC-IFU

Rev. Date: Jan. 23, 2019

Revision: 2

Page 1 of 2

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Evans Blue Counterstain

Description: Evans Blue Counterstain is intended for use in the visualization of cells labeled with FITC or other fluorophore conjugated antibodies by providing an orange/red contrast when excited. Evans Blue fluoresces with excitation peaks at 470 and 540 nm and an emission peak at 680 nm. In addition, Evans Blue Counterstain improves overall visualization by quenching background staining.

Cytoplasm: Orange/Red when excited

Uses/Limitations: For Research Use Only.
Histology/Cytology applications.
Do not use past expiration date.
Use caution when handling these reagents.

Control Tissue: Cell smear.
Any well fixed tissue.

Availability/Contents:

<u>Item #</u>	<u>Volume</u>	<u>Storage</u>
EBC003	3 ml (Dropper)	2-8° C.
EBC125	125 ml	
EBC500	500 ml	

Precautions: Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.

Preparation of Reagents Prior to Beginning:

1. Prepare **Working Wash Buffer/Evans Blue Solution** by mixing 400-800µl (10+ drops) of Evans Blue Counterstain with 100ml of Phosphate Buffered Saline Solution, pH 6.0-7.0.

OR

2. Prepare **Working Conjugate Diluent/Evans Blue Solution** by mixing 200-600µl (4-12 drops) of Evans Blue Counterstain with 100ml of Conjugate Diluent.

Instructions For Use EBC-IFU		
Rev. Date: Jan. 23, 2019	Revision: 2	Page 2 of 2

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Procedure (Wash Buffer/Evans Blue):

1. Stain using flourophore conjugated antibody as directed by manufacturer.
2. Flood slide with prepared Wash Buffer/Evans Blue and incubate for 1-5 minutes.
3. Rinse quickly in PBS and proceed as usual.
4. Coverslip using FluoreGuard Mounting Medium (cat# FMM) or other aqueous medium.

Procedure (Conjugate Diluent/Evans Blue):

1. Dilute flourophore conjugated antibody directly into prepared diluent and proceed as usual.
2. Coverslip using FluoreGuard Mounting Medium (cat# FMM) or other aqueous medium.