



Distribuito in ITALIA da  
**Li StarFish S.r.l.**  
Via Cavour, 35  
20063 Cernusco S/N (MI)  
telefono 02-92150794  
fax 02-92157285  
info@listarfish.it  
www.listarfish.it

**ANTI-BOVINE PI3 MONOCLONAL ANTIBODY LABELLED WITH FLUORESCHEIN ISOTHIOCYANATE (BIO 030)**

**(Reagent for direct immunofluorescence)**

**REAGENT FOR DETECTION OF BOVINE PARAINFLUENZA 3 ON TISSUE SECTION OR CELL CULTURE**

**I - PROCEDURE**

Fix the cell preparation (cell cultures or tissue sections) for 15 minutes at room temperature with one of the following fixators :

- Paraformaldehyde 2 % in PBS
- Acetone solution (9 volumes of acetone and 1 volume of water).
- Ethanol (1 V) + Acetone (1 V)
- Isopropanol
- Ethanol

Rince with PBS.

Dilute the conjugate twentyfold with a PBS-Evans blue solution made up according to the following formula:

**PBS - Blue Evans**

NaCl:	8 gr
KH <sub>2</sub> PO <sub>4</sub> :	0.2 gr
KCl:	0.2 gr
Na <sub>2</sub> HPO <sub>4</sub> · 2H <sub>2</sub> O:	1.15 gr
Blue Evans:	0.01 gr
NaN <sub>3</sub> :	0.1 gr
H <sub>2</sub> O	1 L

Incubate the sample with the fluorescein-labelled conjugate for 1 hour at room temperature. At the end of this incubation period rinse the cell preparation with a PBS solution. Dry the cell preparation, then add the mounting medium prepared as follows:

**Mounting medium**

Glycerol	9 volumes
PBS	1 volume

Examine the cell preparation under a microscope equipped for detecting fluorescence.

**II - STORING THE CONJUGATE**

The conjugate must be stored at 4°C. It must never be frozen. It will keep at least 1 year at 4°C.