

# Optical Filter

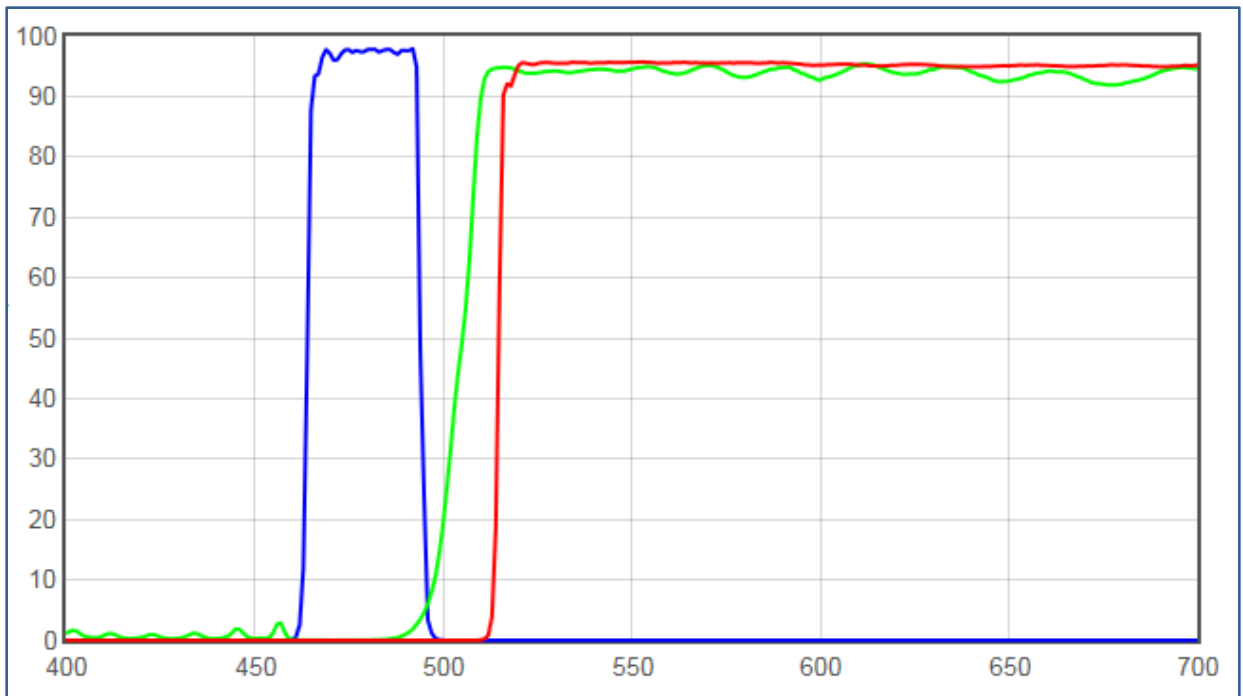
## JNO-B(L)

### JNOPTIC Filter

– Filter set for GFP/FITC Longpass

- JNO-B(L) filter set induces the light of the Blue wavelength range to the sample and leads the generated fluorescence to the observation system.
- Blue excitation (Longpass Emission)
- EX : 465~495nm, BS : 505nm, EM : 515nm

### 1. JNO-B(L) Spectrum



Filters	Type
• AT480/30x	EX
• AT505DC	BS
• AT515lp	EM

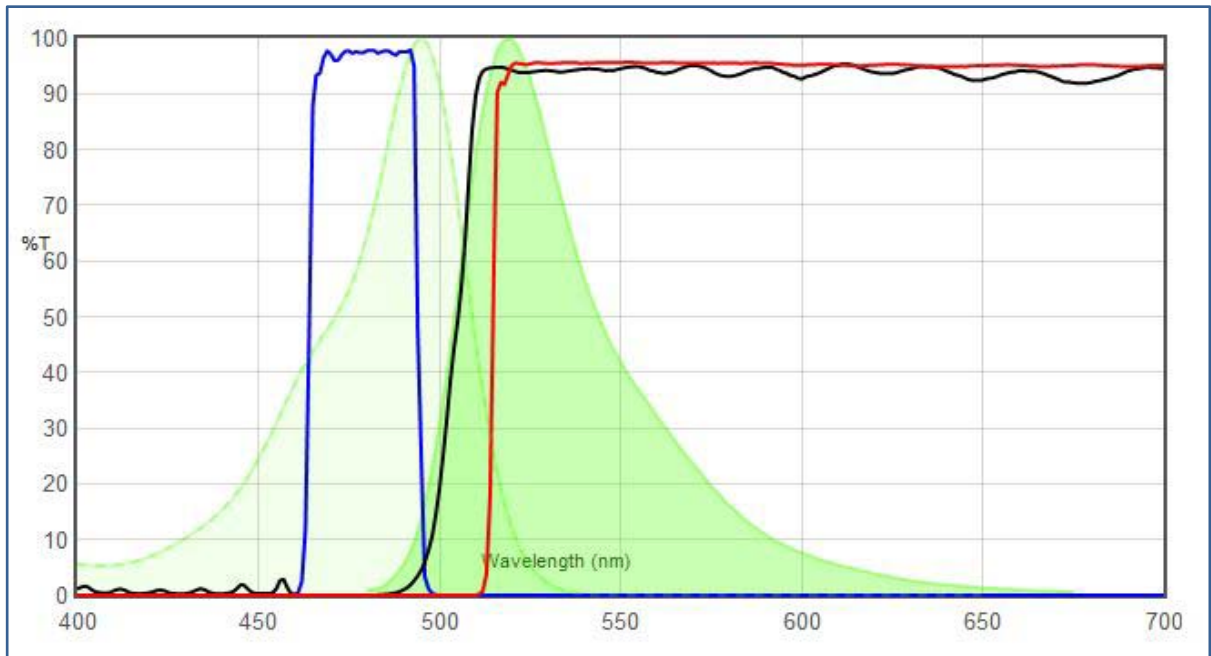
## 2. JNO-B(L) Spec

- Typical Application(s) : Widefield Microscopy
- Coating : Sputter/Hard Coated
- Round excitation and emission filters mounted in anodized aluminum rings 2.3mm thick, up to 25mm in diameter (for standard sizes)
- Rectangular dichroics up to 26x38mm, 1mm thick, to fit standard microscope manufacturer filter cubes (for standard sizes)

**\*\*\* For filters larger than 25mm and dichroics larger than 26x38mm , please contact us for pricing.**


## 3. Main Fluorochromes : FITC

### \* FITC VS JNO-B(L)




 FITC Excitation

 AT480/30x (EX)

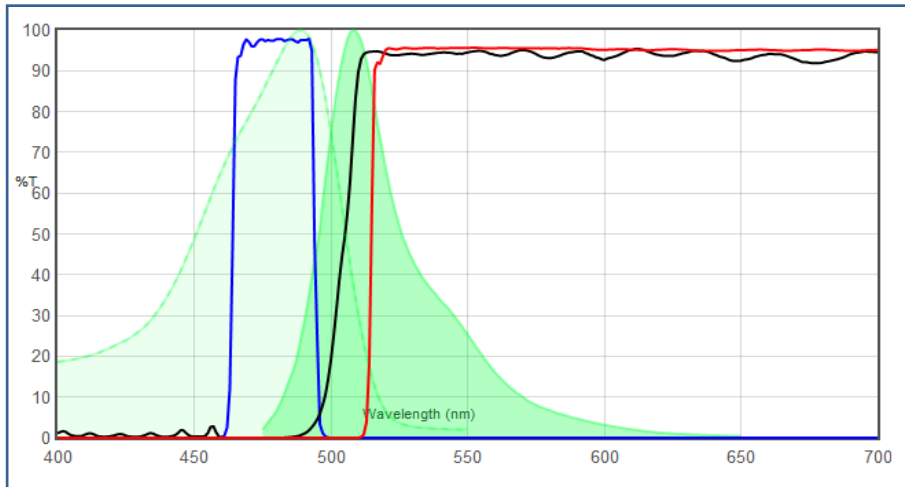
 AT515lp (EM)

 FITC Emission

 AT505DC (BS)

## 4. Other Fluorochromes

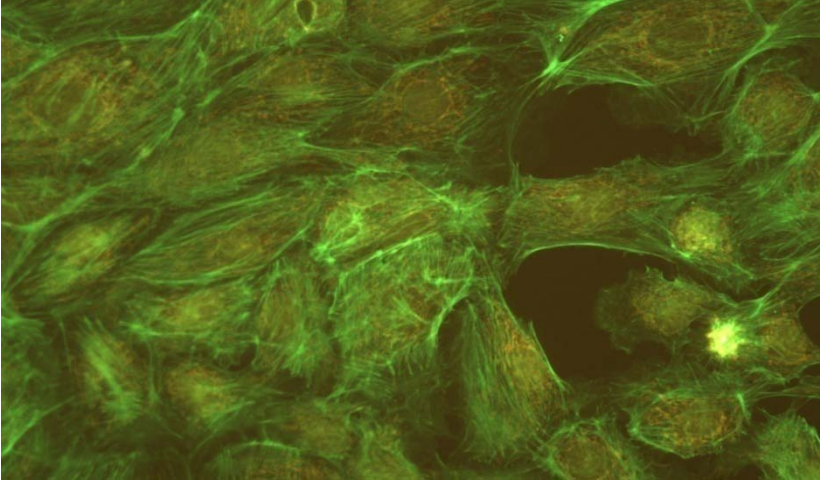
### \* GFP VS JNO-B(L)



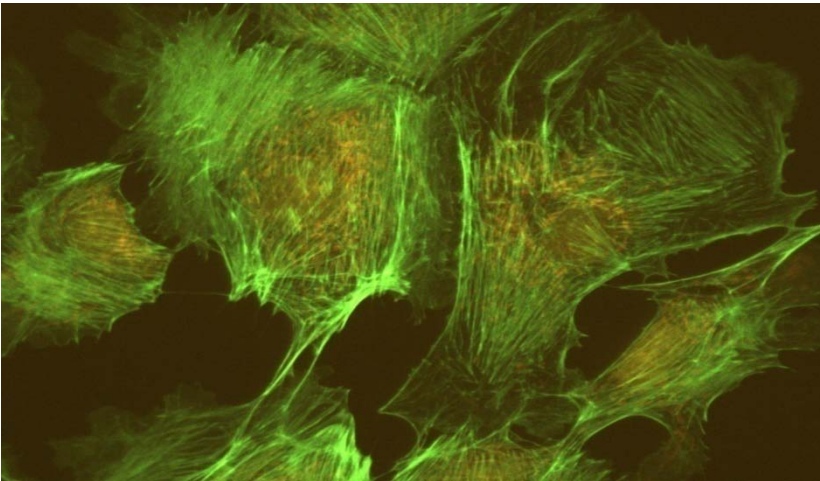
■ GFP Excitation  
■ AT480/30x (EX)  
■ AT515lp (EM)

■ GFP Emission Spectra  
■ AT505DC (BS)

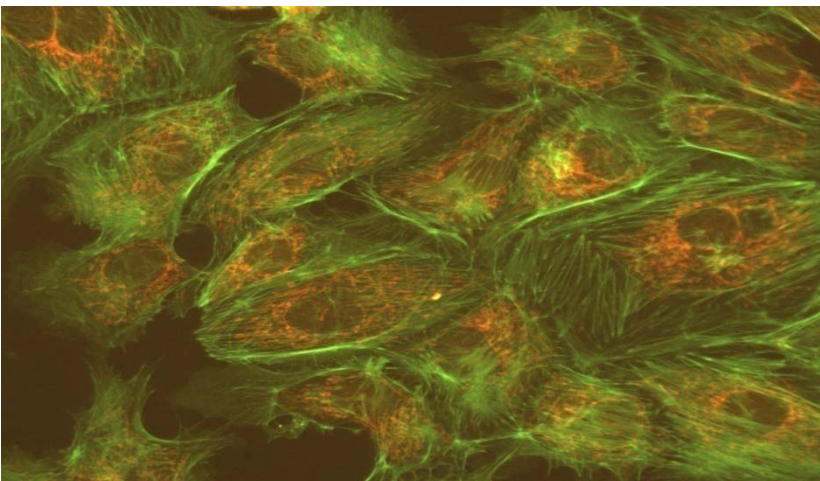
## 5. JNO-B(L) Image



*Filter Set : JNO-B(L)  
Camera : AcquCAM 23GR2  
C-mount adapter : 1X  
Lens : UPLANAPO40X  
Sample : bovine pulmonary artery  
endothelial cell, BPAEC*



*Filter Set : JNO-B(L)  
Camera : AcquCAM 3G  
C-mount adapter : 1X  
Lens : UPLANAPO40X  
Sample : bovine pulmonary artery  
endothelial cell, BPAEC*



*Filter Set : JNO-B(L)  
Camera : AcquCAM 5G  
C-mount adapter : 1X  
Lens : UPLANAPO40X  
Sample : bovine pulmonary artery  
endothelial cell, BPAEC*

## 6. Best with these fluorochromes

- Acridine Orange + DNA and RNA
- Auramine-rhodamine
- JC-1 non-ratiometric

-> **If you need more information for filter sets, please contact us.**

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### JNOPTIC CO., LTD.

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