

Optical Filter

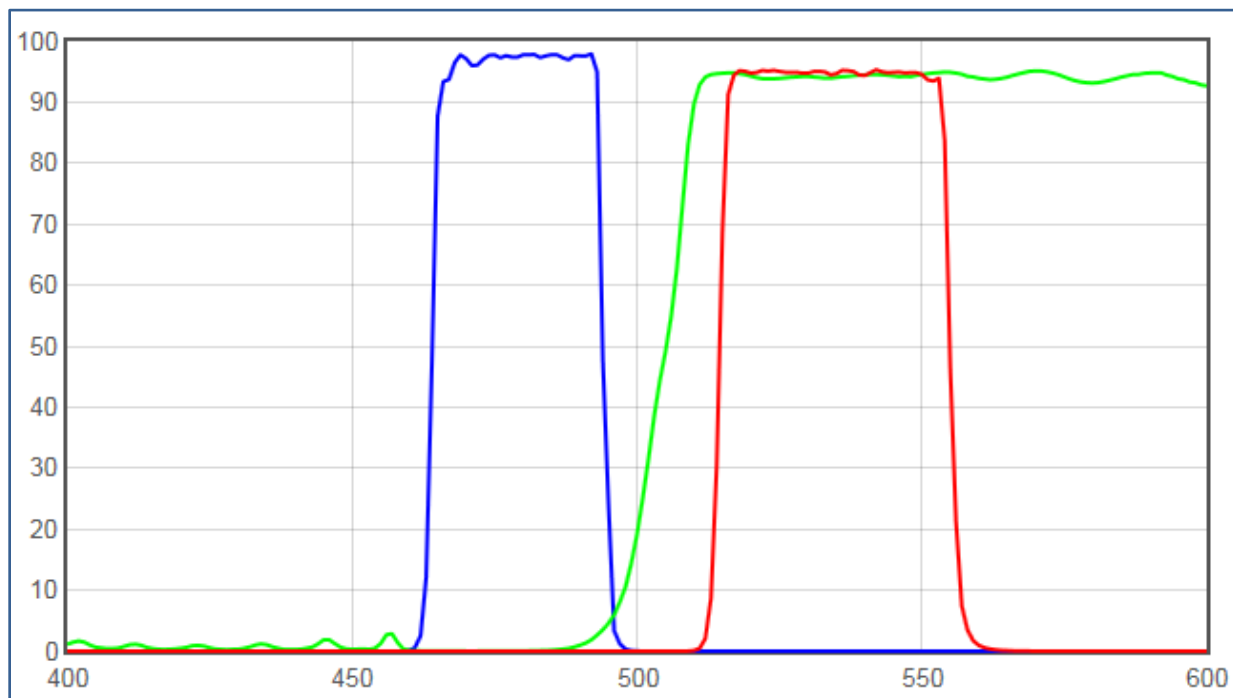
JNO-B(B)

JNOPTIC Filter

– Filter set for EGFP/FITC/Cy2/AlexaFluor488

- JNO-B(B) filter set induces the light of the Blue wavelength range to the sample and leads the generated fluorescence to the observation system.
- Blue excitation (Bandpass Emission)
- EX : 465~495nm, BS : 505nm, EM : 515~555nm

1. JNO-B(B) Spectrum



Filters	Type
• AT480/30x	EX
• AT505DC	BS
• AT535/40m	EM

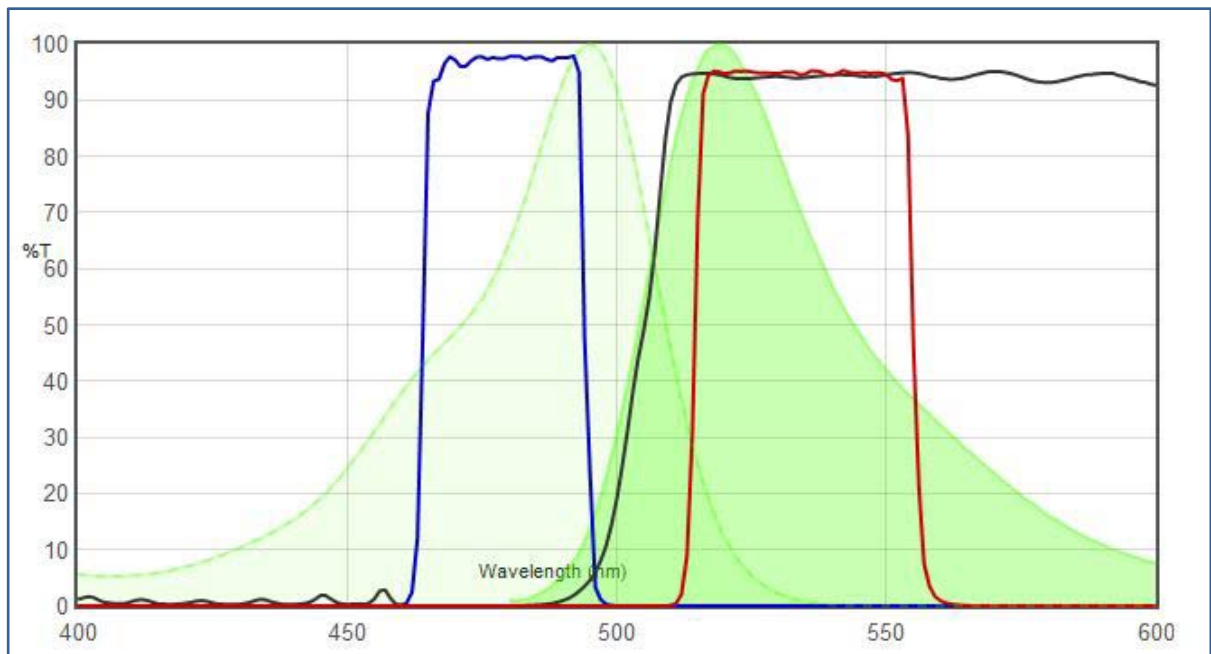
2. JNO-B(B) Spec




- 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(B)

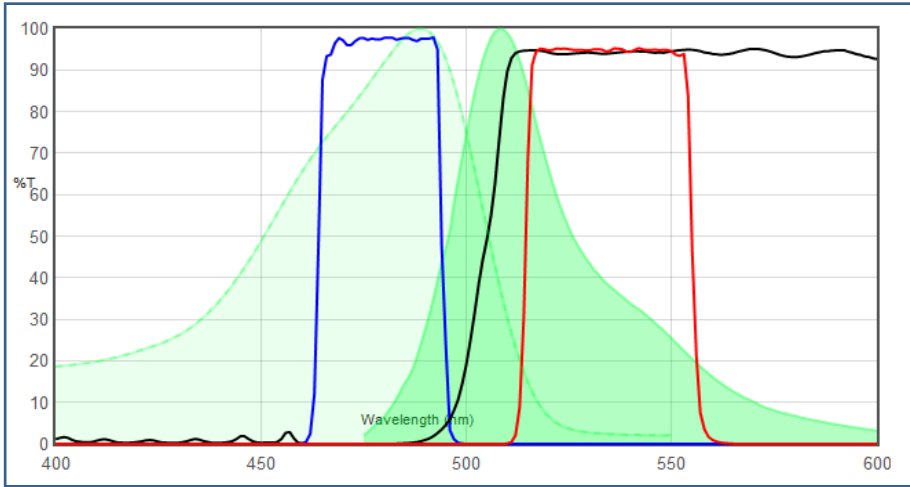


-  FITC Excitation
-  AT480/30x (EX)
-  AT535/40m (EM)

-  FITC Emission
-  AT505DC (BS)

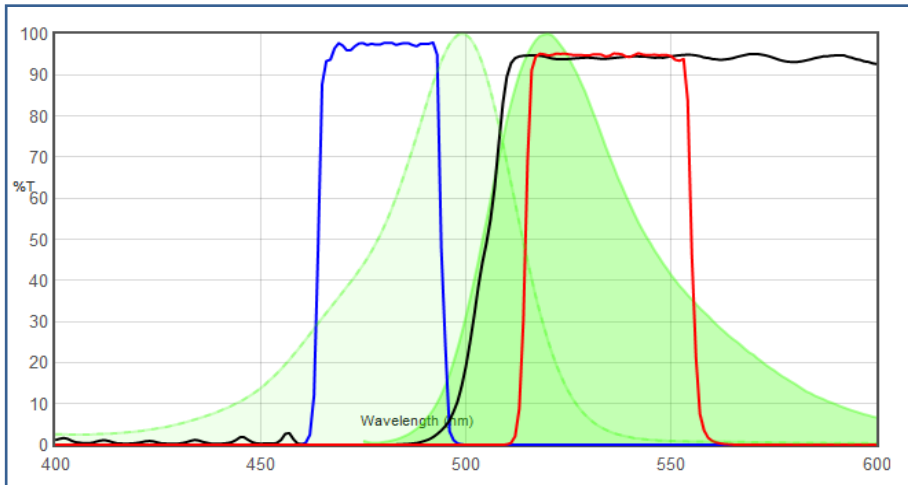
4. Other Fluorochromes

* GFP VS JNO-B(B)



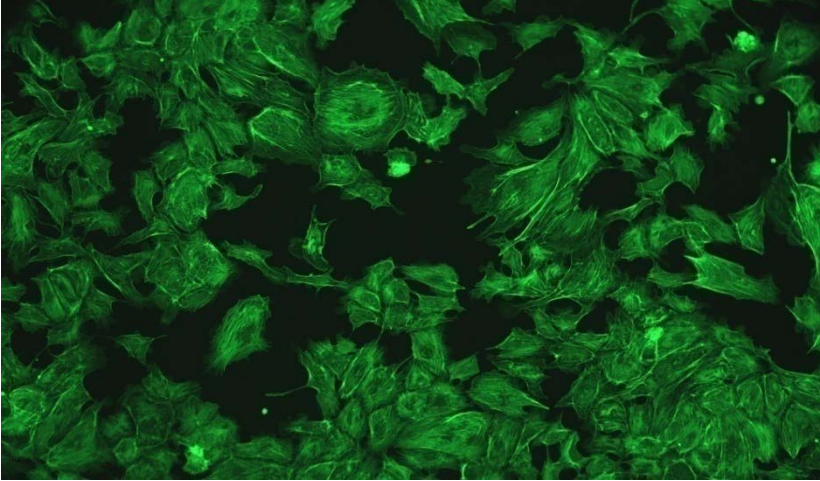
- GFP Excitation
- GFP Emission
- AT480/30x (EX)
- AT505DC (BS)
- AT535/40m (EM)

* AlexaFluor488 VS JNO-B(B)

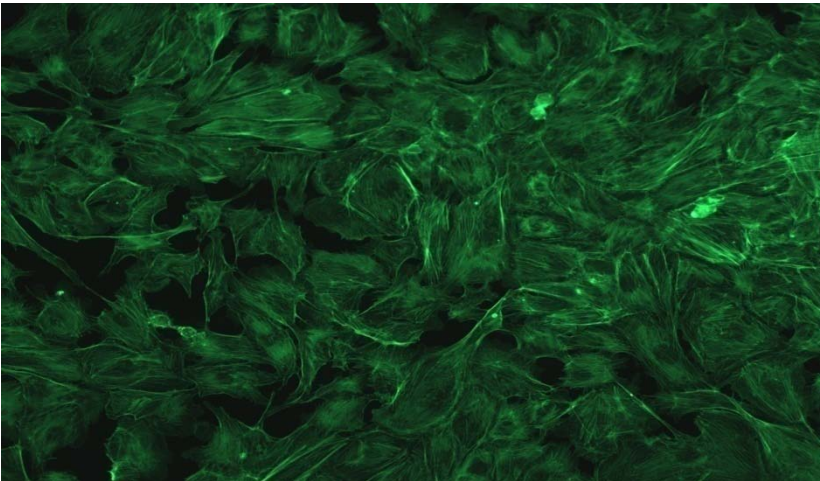


- AlexaFluor488 Excitation
- AlexaFluor488 Emission
- AT480/30x (EX)
- AT505DC (BS)
- AT535/40m (EM)

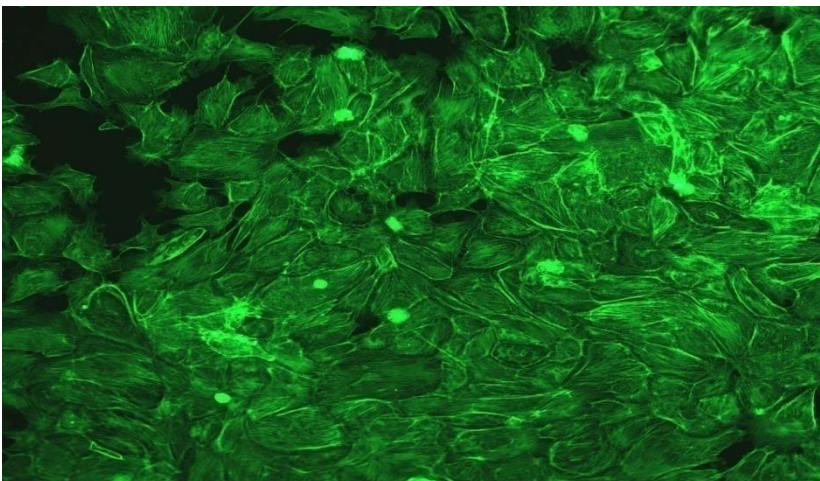
5. JNO-B(B) Image



*Filter Set : JNO-B(B)
Camera : AcquCAM 23GR2
C-mount adapter : 0.5x
Lens : UPLAPO20X
Sample : bovine pulmonary artery
endothelial cell, BPAEC*



*Filter Set : JNO-B(B)
Camera : AcquCAM 3G
C-mount adapter : 0.5x
Lens : UPLAPO20X
Sample : bovine pulmonary artery
endothelial cell, BPAEC*



*Filter Set : JNO-B(B)
Camera : AcquCAM 5G
C-mount adapter : 0.5x
Lens : UPLAPO20X
Sample : bovine pulmonary artery
endothelial cell, BPAEC*

6. Best with these fluorochromes

- Acridine Orange + DNA
- Alexa Fluor 488™
- Atto 488
- Azami Green
- Calcein
- Calcium Green™-1
- Cy2™
- DiO
- DyLight 488
- EGFP
- Emerald GFP
- FAM
- FITC
- Fluo-4
- GFP
- Oregon Green™ 488
- ZsGreen1

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

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