

Optical Filter

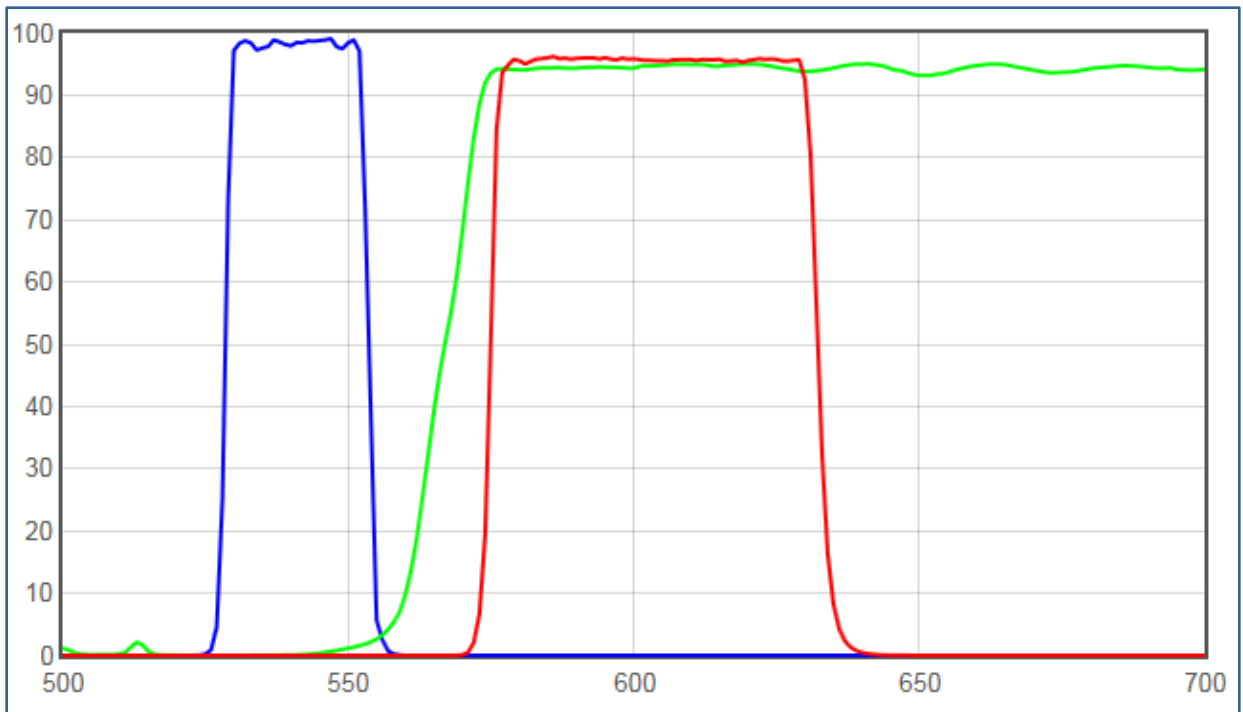
JNO-G(B)

JNOPTIC Filter

– Filter set for TRITC/Cy3/TagRFP/AlexaFluor546

- JNO-G(B) filter set iduces the light of the Green wavelength range to the sample and leads the generated fluorecence to the observation system.
- Green excitation (Bandpass Emission)
- EX : 527~553nm, BS : 565nm, EM : 577~633nm

1. JNO-G(B) Spectrum



Filters

- AT540/25x
- AT565DC
- AT605/55m

Type

- EX
- BS
- EM

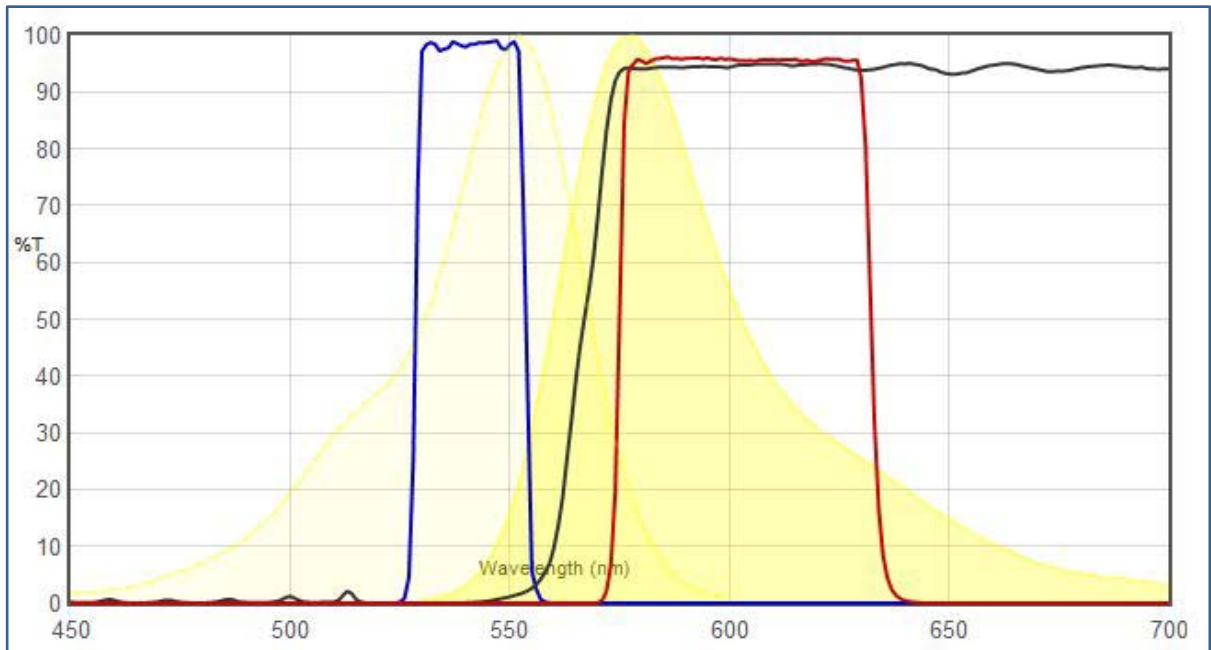
2. JNO-G(B) Spec

- 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 : TRITC

* TRITC VS JNO-G(B)



TRITC Excitation

AT540/25x (EX)

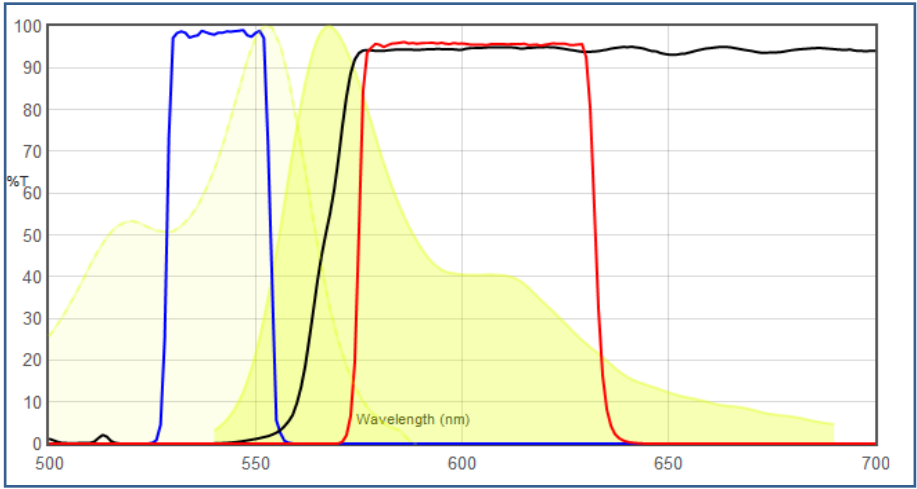
AT605/55m (EM)

TRITC Emission

AT565DC (BS)

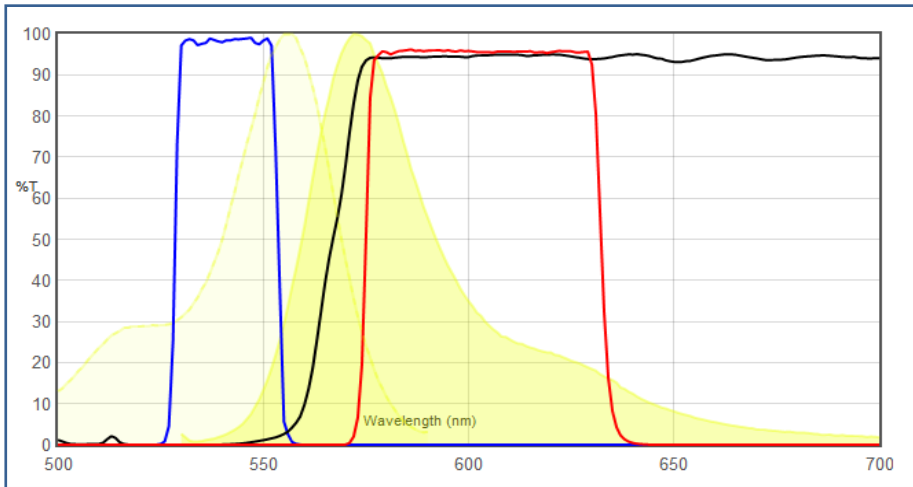
4. Other Fluorochromes

* Cy3 VS JNO-G(B)



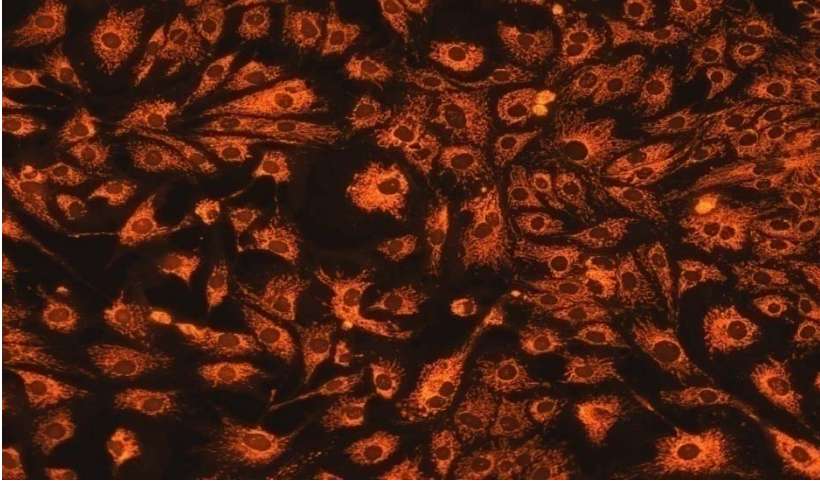
- Cy3 Excitation
- Cy3 Emission
- AT540/25x (EX)
- AT565DC (BS)
- AT605/55m (EM)

* AlexaFluor546 VS JNO-G(B)

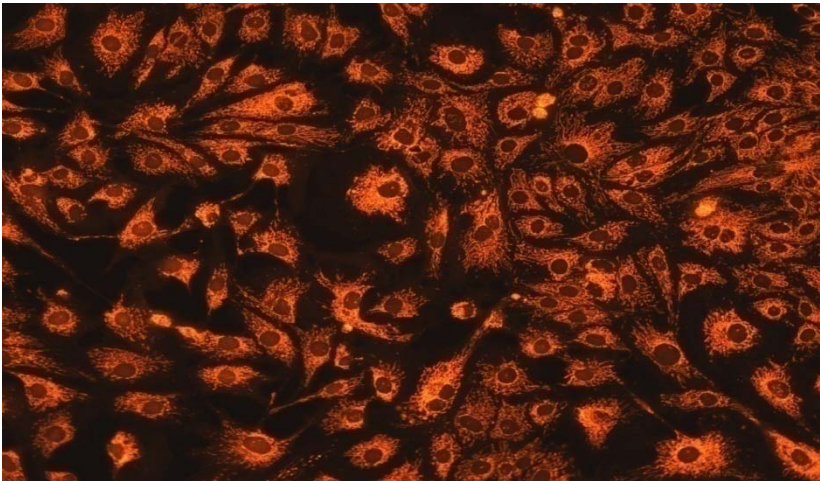


- AlexaFluor546 Excitation
- AlexaFluor546 Emission
- AT540/25x (EX)
- AT565DC (BS)
- AT605/55m (EM)

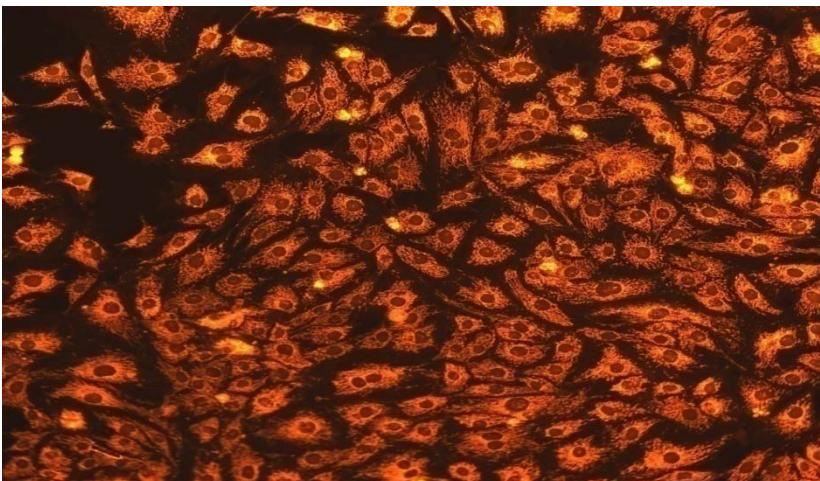
5. JNO-G(B) Image



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



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



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

6. Best with these fluorochromes

- Alexa Fluor 546™
- Alexa Fluor 555™
- Atto 550
- CAL Fluor® Red 590
- Cy3™
- DiI
- DsRed
- DyLight 549
- MitoTracker Orange/MeOH
- Resorufin
- Rhod-2
- TagRFP
- TAMRA
- tdTomato
- Tetramethylrhodamine isothiocyanate
- TRITC

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

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