

Optical Filter

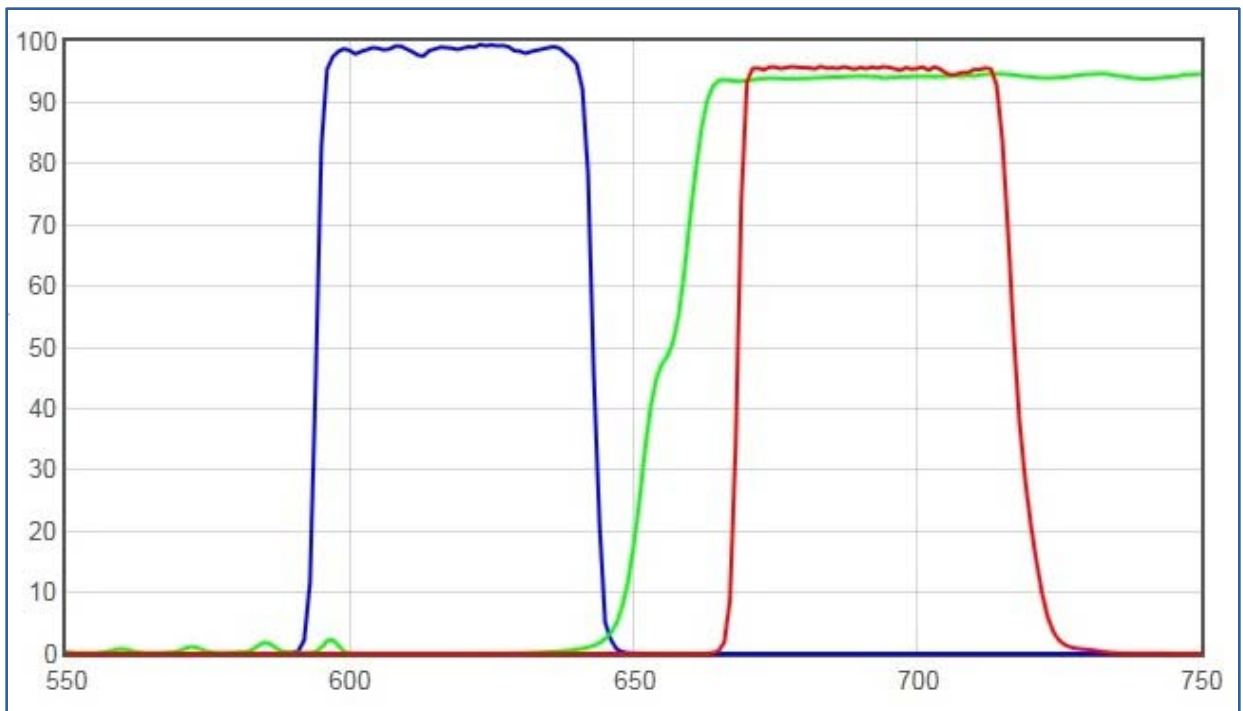
JNO-R2(B)

JNOPTIC Filter

– Filter set for Cy5/AlexaFluor 647/Draq5

- JNO-R2(B) filter set induces the light of the certain wavelength range to the sample and leads the generated fluorescence to the observation system.
- Mirror unit for fluorescence microscopy (Bandpass Emission)
- EX : 595~645nm, BS : 655nm, EM : 665~715nm

1. JNO-R2(B) Spectrum



Filters

- AT620/50x
- AT655DC
- AT690/50m

Type

- EX
- BS
- EM

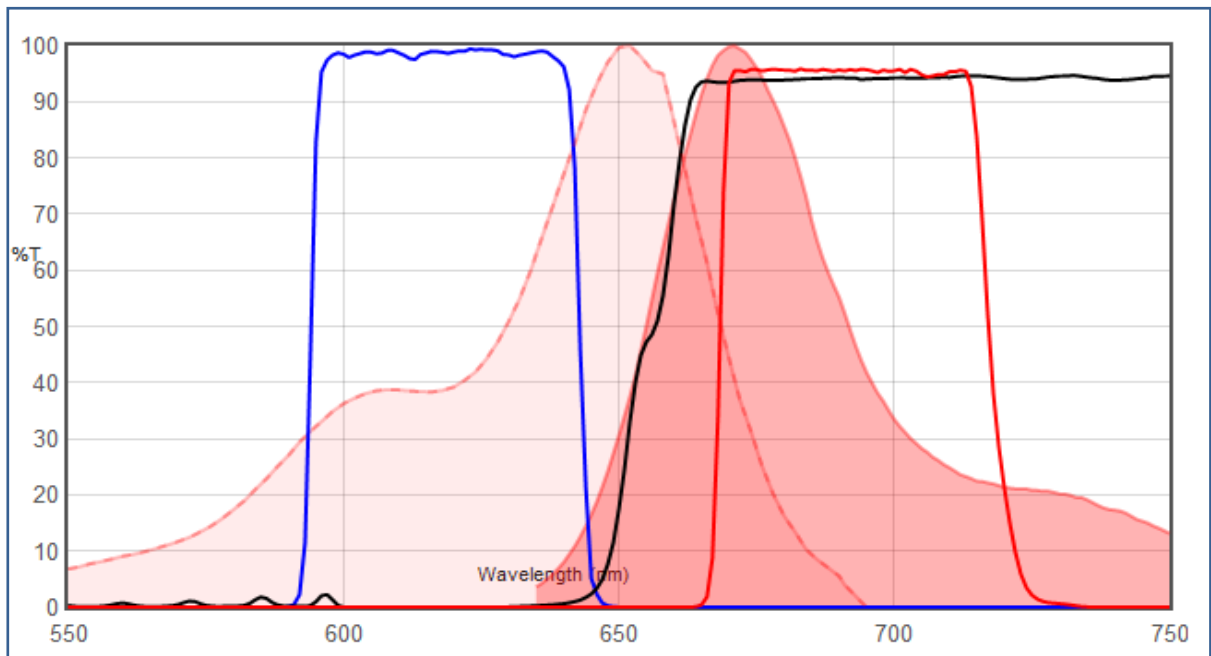
2. JNO-R2(B) Spec

- 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 : Cy5

* Cy5 VS JNO-R2(B)



■ Cy5 Excitation Spectra

■ AT620/50x (EX)

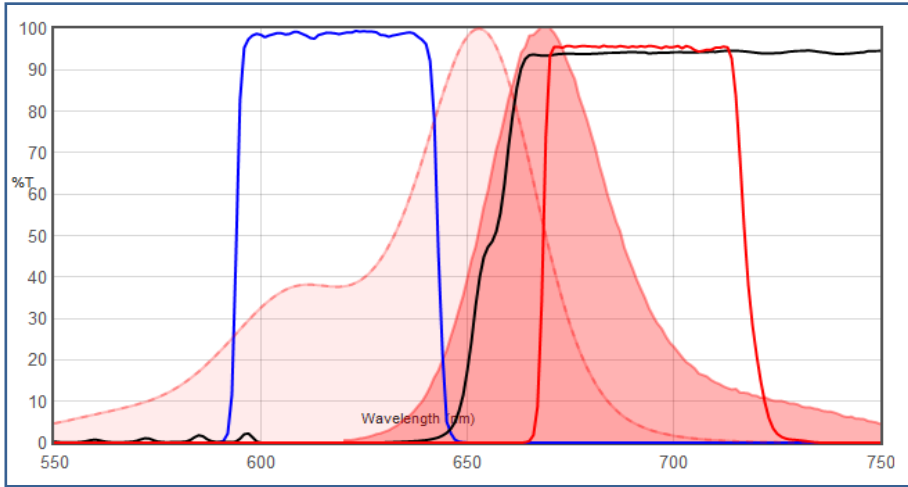
■ AT690/50m (EM)

■ Cy5 Emission Spectra

■ AT655DC (BS)

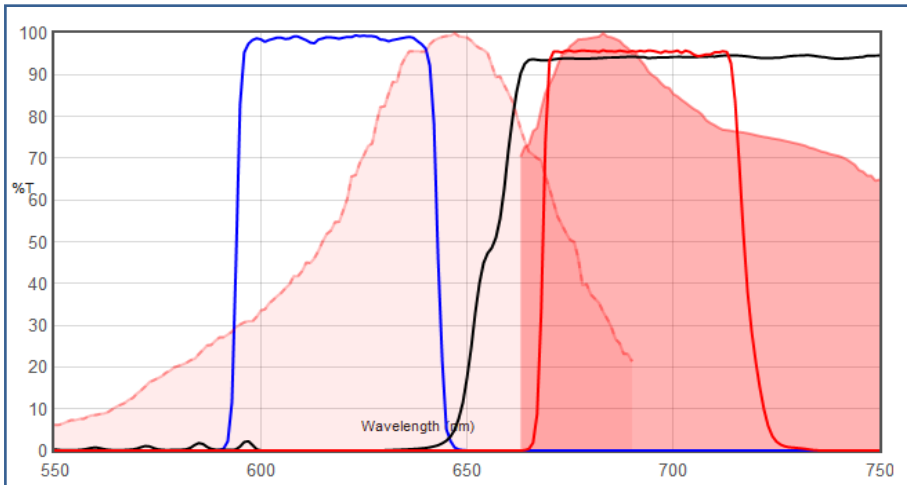
4. Other Fluorochromes

* AlexaFluor 647 VS JNO-R2(B)



- AlexaFluor647 Excitation
- AT620/50x (EX)
- AT690/50m (EM)
- AlexaFluor647 Excitation
- AT655DC (BS)

* Draq5 VS JNO-R2 (B)



- Draq5 Excitation
- AT620/50x (EX)
- AT690/50m (EM)
- Draq5 Excitation
- AT655DC (BS)

5. Best with these fluorochromes

- Alexa Fluor 647™
- Atto 647N
- Cy5™
- DiD
- Draq5
- DyLight 649
- MitoTracker Deep Red 633/MeOH
- Nile Blue
- Quasar® 670
- SYTO® 60
- TO-PRO™-3

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

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