

Optical Filter

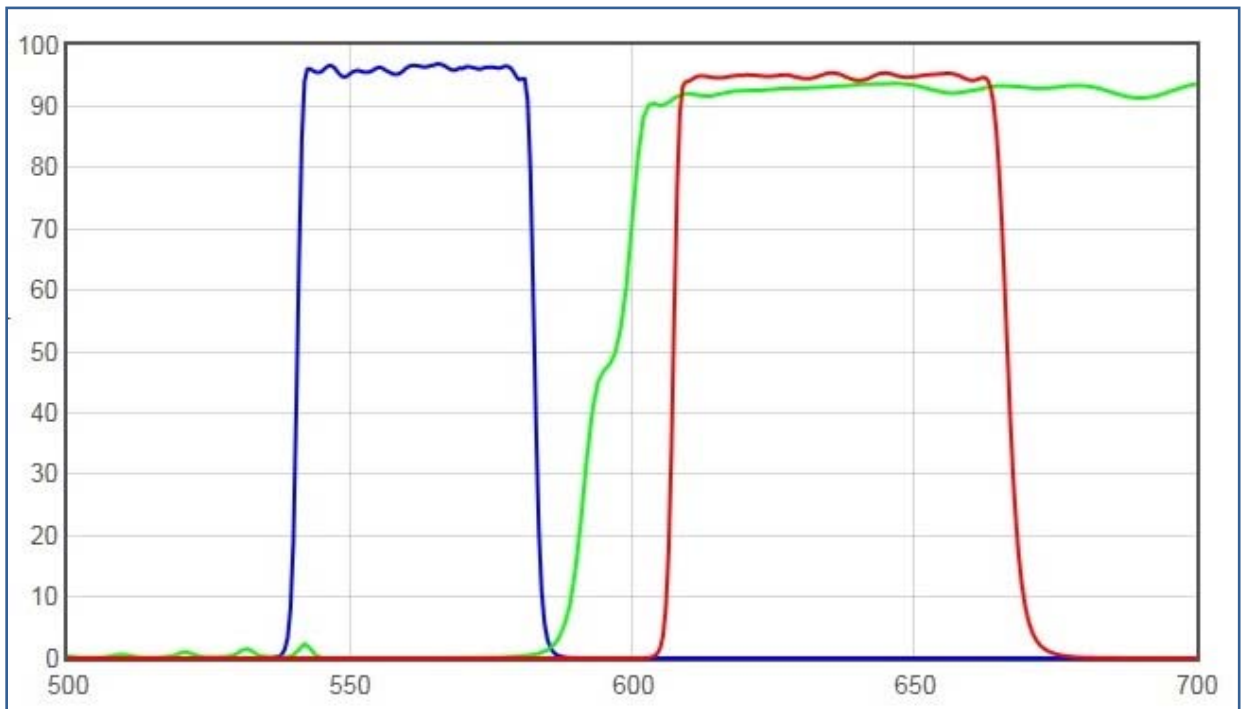
JNO-R1(B)

JNOPTIC Filter

– Filter set for Texas Red/mCherry/AlexaFluor 594

- JNO-R1(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 : 560~580nm, BS : 600nm, EM : 605~665nm

1. JNO-R1(B) Spectrum



Filters	Type
• AT560/40x	EX
• AT600DC	BS
• AT635/60m	EM

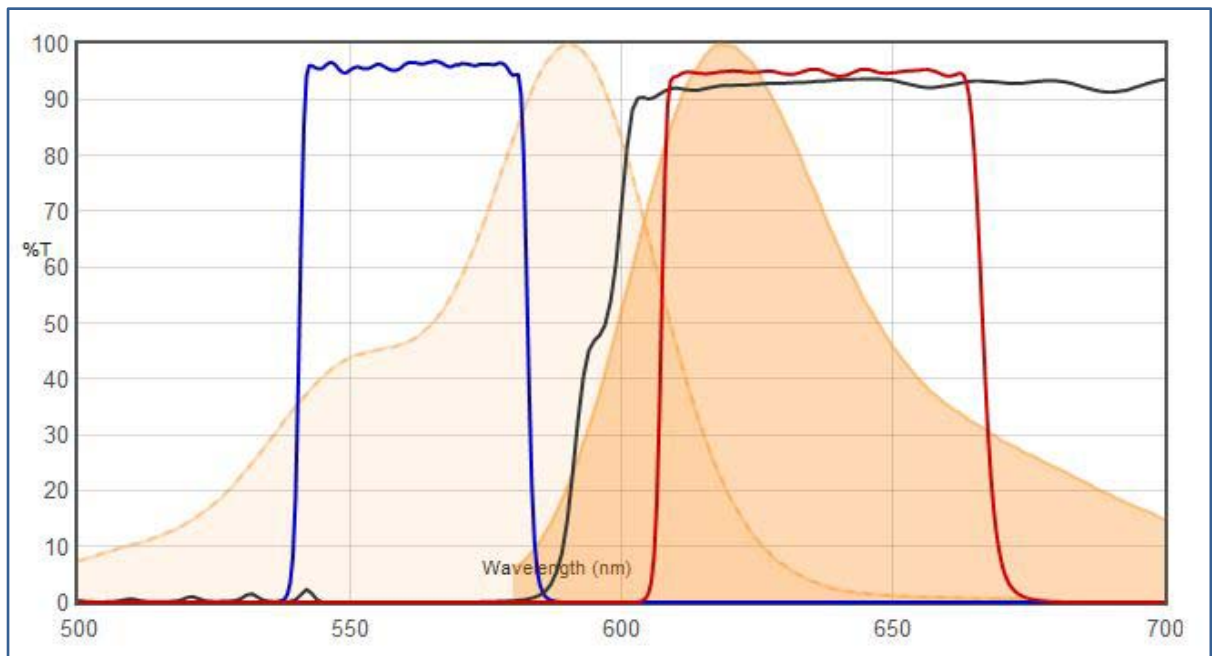
2. JNO-R1(B) Spec

- 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 : AlexaFluor 594

* AlexaFluor 594 VS JNO-R1(B)



Orange shaded area: AlexaFluor594 Excitation

Blue line: AT560/40x (EX)

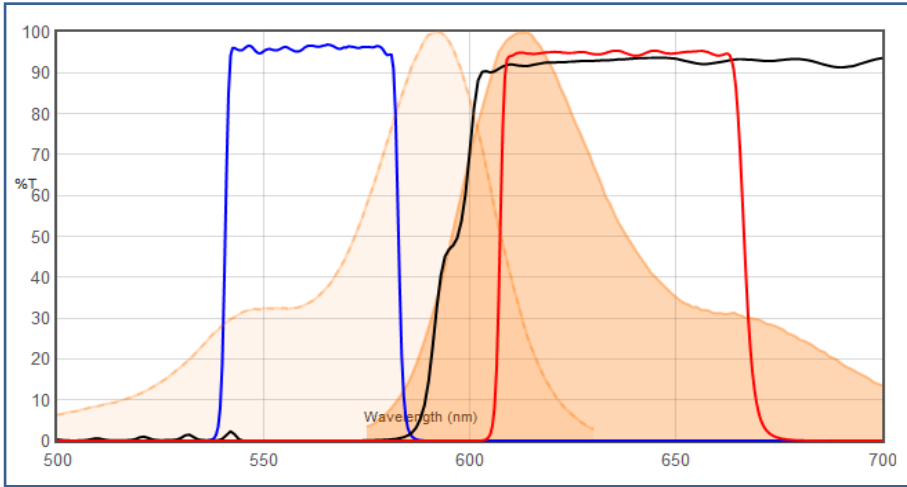
Red line: AT635/60m (EM)

Yellow shaded area: AlexaFluor594 Emission

Black line: AT600DC (BS)

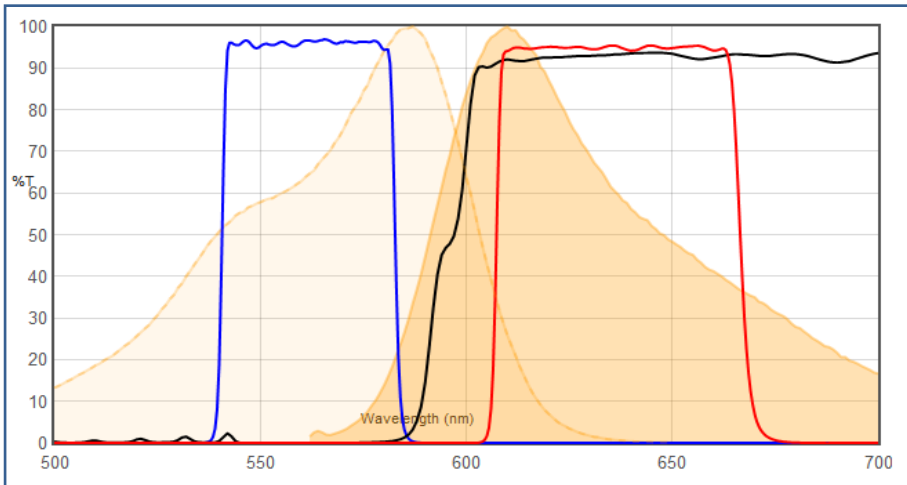
4. Other Fluorochromes

* Texas Red VS JNO-R1(B)



- Hoechst Excitation
- Hoechst Emission
- AT560/40x (EX)
- AT600DC (BS)
- AT635/60m (EM)

* mCherry VS JNO-R1(B)



- AlexaFluor350 Excitation
- AlexaFluor350 Emission Spectra
- AT560/40x (EX)
- AT600DC (BS)
- AT635/60m (EM)

5. Best with these fluorochromes

- Alexa Fluor 568™
- Alexa Fluor 594™
- CAL Fluor® Red 610
- Cy3.5™
- DyLight 594
- FusionRed
- Killer Red
- mCherry
- MitoTracker Red/MeOH
- mKate2
- mRFP1
- ReAsH-CCPGCC
- Rhodamine Red™-X
- ROX
- Texas Red®
- Texas Red®-X
- X-rhod-1/Ca²⁺

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

JNOPTIC CO., LTD.

서울 서초구 남부순환로 335길 35 일광빌딩 201호

Tel : 02-3473-4188 / Fax : 02-6499-0860

<http://www.jnoptic.com> www.chromafilter.co.kr

ihjin@jnoptic.com