

Optical Filter

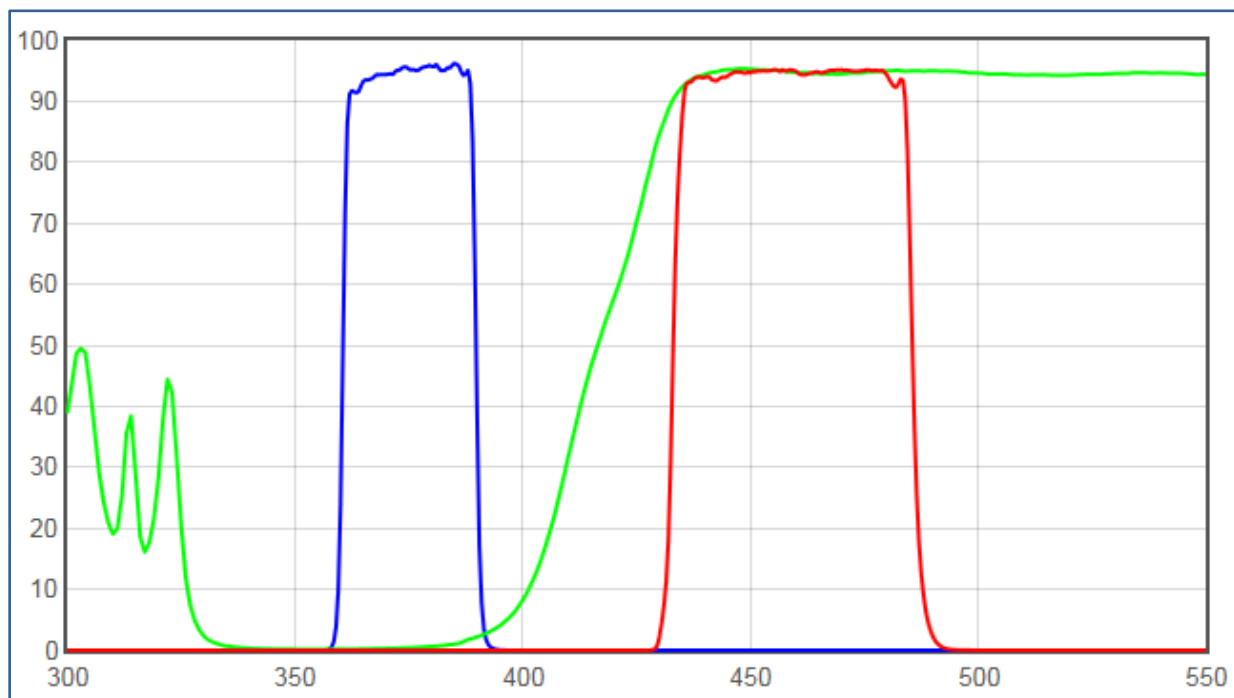
JNO-U(B)

JNOPTIC Filter

– Filter set for DAPI/Hoechst/AlexaFluor350

- JNO-U(B) filter set induces the light of the UV wavelength range to the sample and leads the generated fluorescence to the observation system.
- UV excitation (Bandpass Emission)
- EX : 361~389nm, BS : 415nm, EM : 435~485nm

1. JNO-U(B) Spectrum



Filters

- AT375/28x
- AT415DC
- AT460/50m

Type

- EX
- BS
- EM

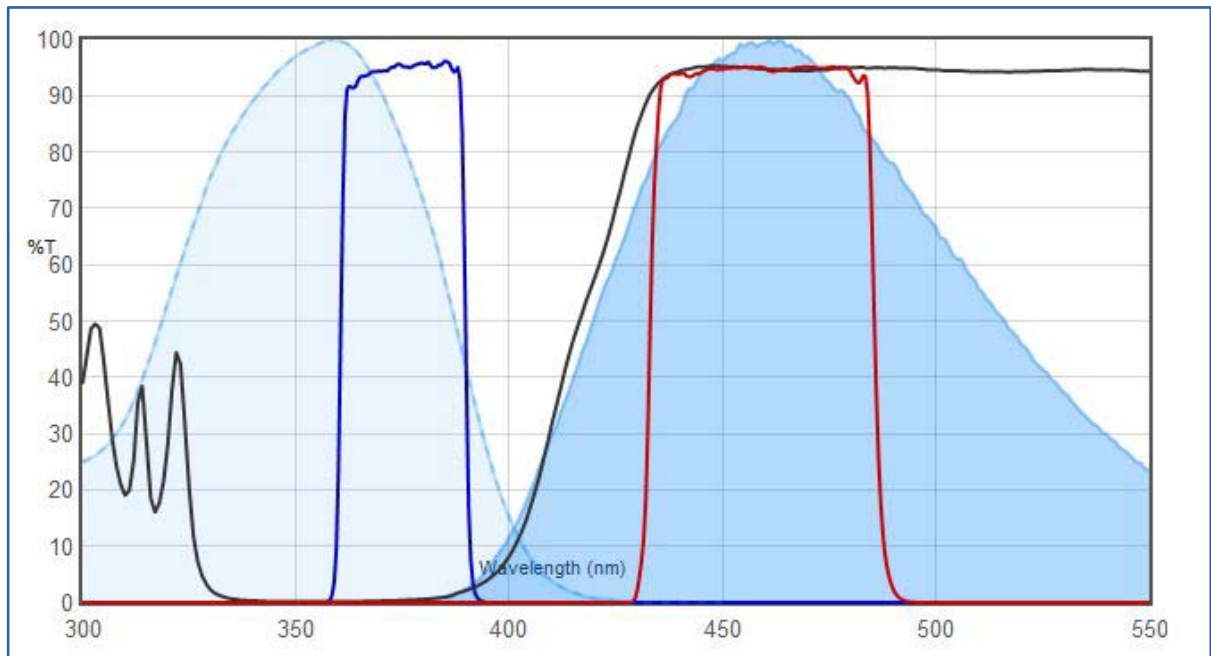
2. JNO-U(B) Spec

- 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 : DAPI

* DAPI VS JNO-U(B)

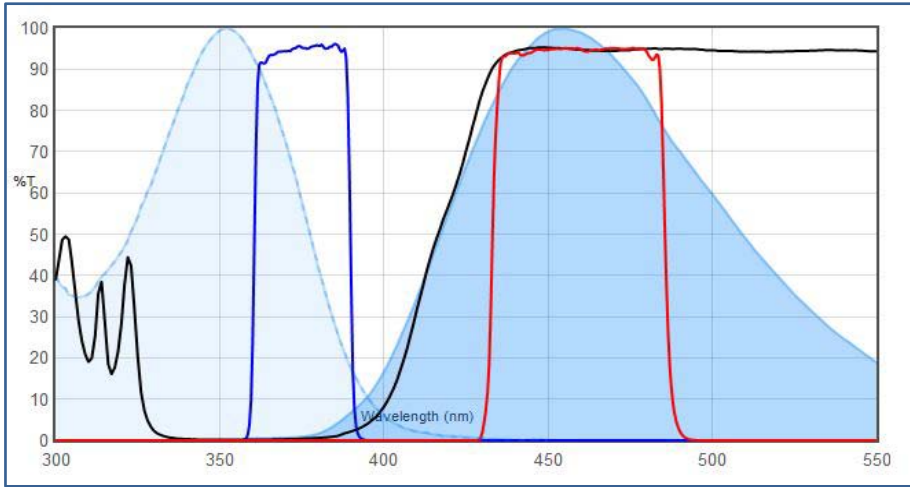


DAPI Excitation
AT375/28x (EX)
AT460/50m (EM)

DAPI Emission
AT415DC (BS)

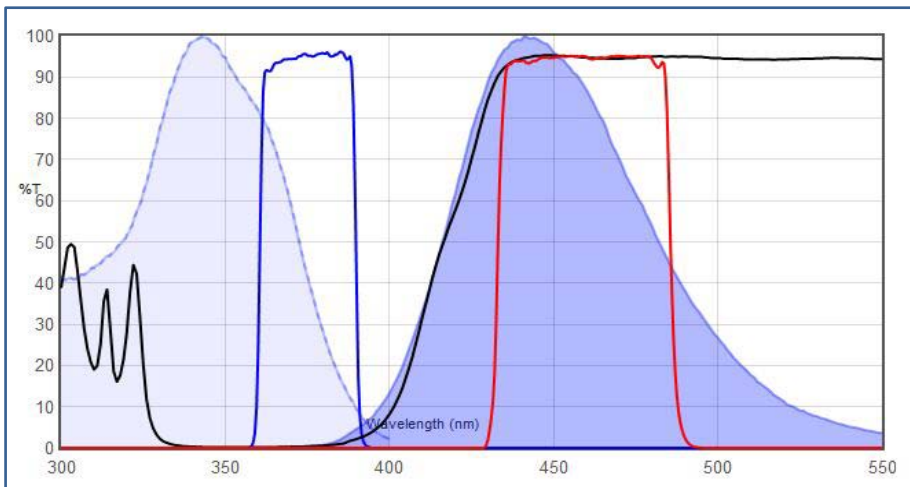
4. Other Fluorochromes

* Hoechst VS JNO-U(B)



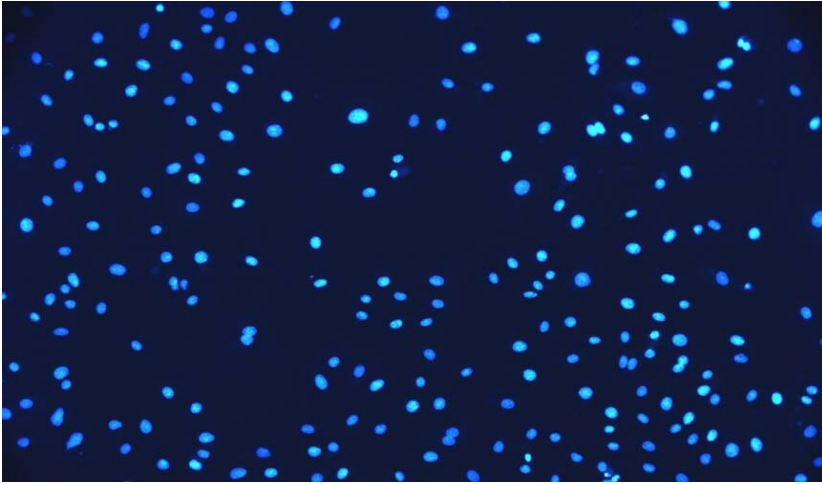
- Hoechst Excitation
- Hoechst Emission
- AT375/28x (EX)
- AT415DC (BS)
- AT460/50m (EM)

* AlexaFluor350 VS JNO-U(B)

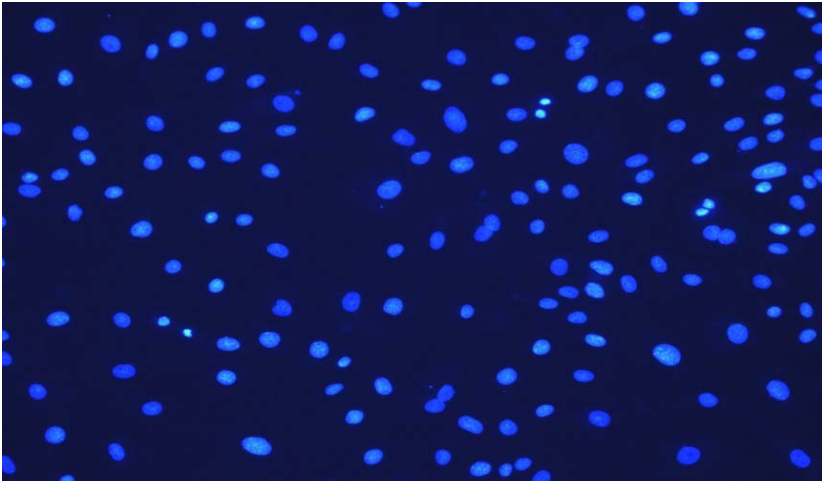


- AlexaFluor350 Excitation
- AlexaFluor350 Emission
- AT375/28x (EX)
- AT415DC (BS)
- AT460/50m (EM)

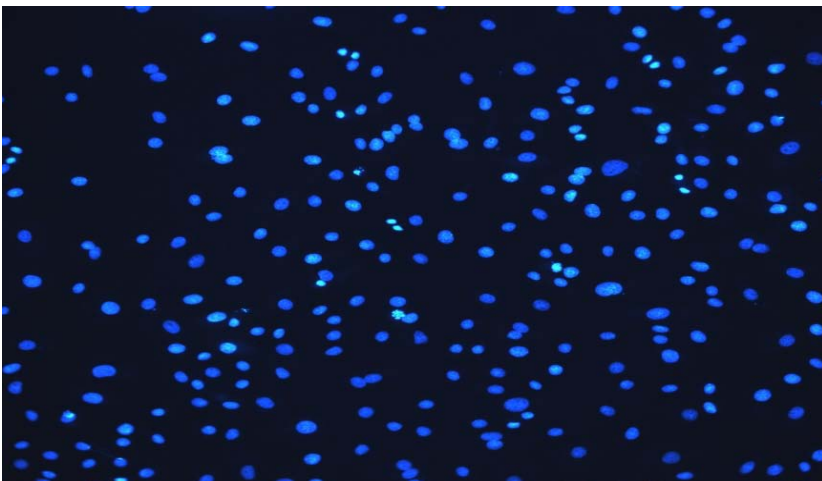
5. JNO-U(B) Image



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



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



*Filter Set : JNO-U(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 350™
- Biosearch Blue
- Coumarin
- DAPI
- DyLight 350
- Hoechst 33258
- LysoTracker Blue/MeOH

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

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