

**INVERTED MICROSCOPE
NIB-630**





The LCD screen in front of the microscope shows the state of using the microscope, including the magnification of the objective lens, the intensity of the upper and lower light sources, and the standby state.

- *The arm can be tilted to facilitate cell replacement and aseptic operations.
- *Using long-life LED light source and infinity optical system, high-definition and high-contrast wide viewing angle images can be obtained.
- *The body is compact and stable, which is convenient for cell sampling.
- * Objective lens code converter, display the magnification used.
- *Fluorescence observation: The fluorescent turntable is equipped with UV/B/G, 3 kinds of fluorescent filters.
- *LED lights can be adjusted in strength,

Adjustable viewing angle eyepiece tube
Ergonomic design, comfortable observation,





Infinity optical lens

Long working distance design

Fully achromatic objective lens

Observe: phase, Hoffman contrast, 3D relief contrast and fluorescence.

The focus and depth of field can be adjusted to achieve the best image.



Transmission light observation method.

Phase Contrast

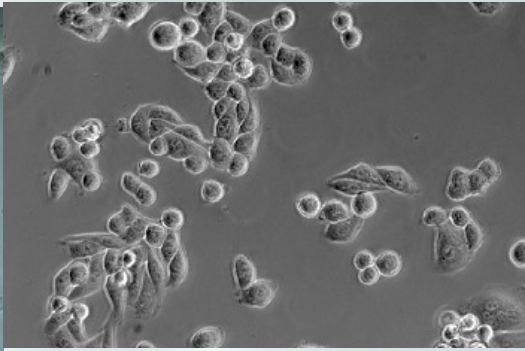
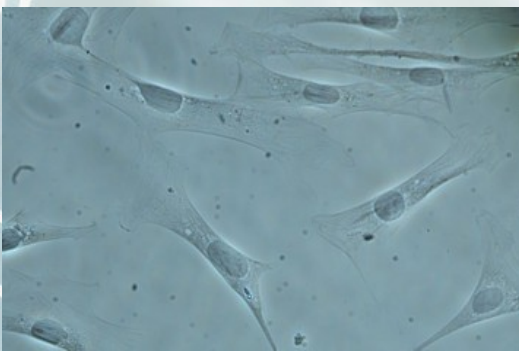
By using the change of refractive index, through phase contrast, a high-contrast image observation technology for transparent samples is obtained.

Hoffman Modulation

Under the action of oblique light, the phase will be changed to the change of light intensity, which can be used to observe unstained living cells.

3D relief contrast

Simply add an adjustment slider to obtain a glare-free 3D image.



Photomicrography and professional cameras



The measurement software includes calculation of circumference, width, radius, circumference and angle. Advanced image processing functions, including image combination, focus stacking and image stitching.

LED Fluorescent observation

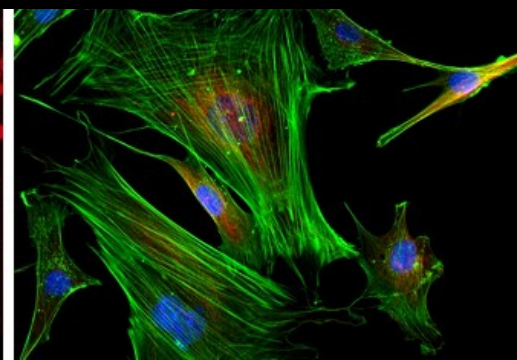
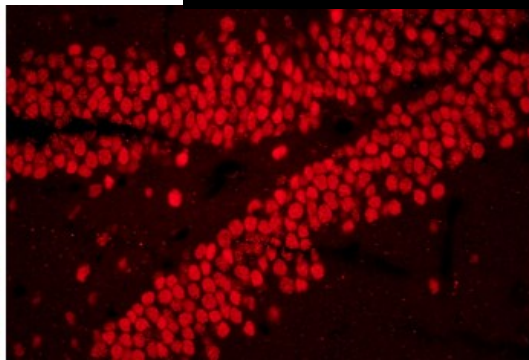
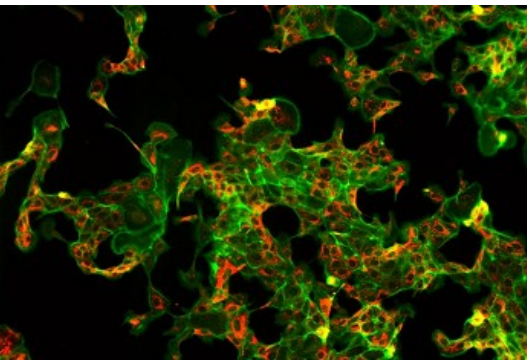
- *LED light fluorescent, easier to observe and use,
- *Turntable filter is super easy to operate and built-in
- Fly-eye lens with uniform fluorescent brightness,
- * Equipped with UV/B/G, 3 kinds of fluorescent filters.
- *LED lights can be adjusted in

LED unite

Filter block

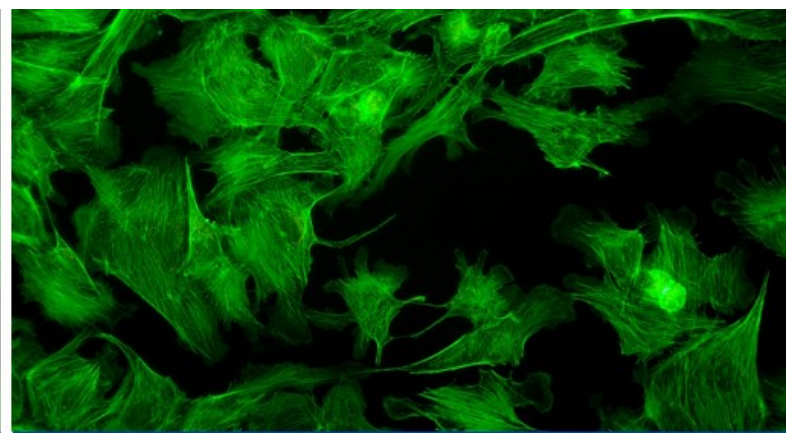
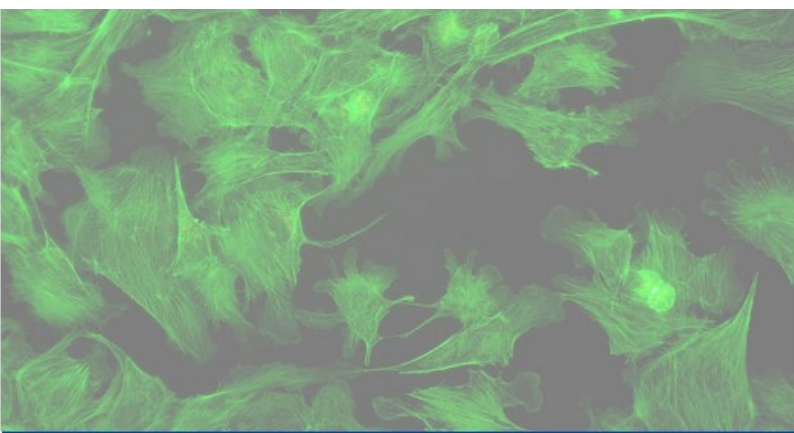
Characteristics of Mirror Units Wavelength

	Excitation	Dichroic Mirror	Barrier Filter
Blue excitation	BP460 - 490	DM500	BA520
Blue excitation (B1)	BP460 - 495	DM505	BA510-550
Green excitation	BP480 - 550	DM570	BA590
Ultraviolet excitation	BP330 - 385	DM400	BA420
Violet excitation	BP400 - 410	DM455	BA455



Contrast Shield

It can effectively block external light, increase the contrast of fluorescent images, and provide fluorescent images with high signal-to-noise ratio.



Without contrast shield

With contrast shield

