

Filter Set for Fluorescence Microscopy

Optimized for multispectral excitation
(DAPI, FITC, Rhodamine and Cy5)

This filter set is specifically designed for optimized excitation and emission for the four fluorochromes DAPI, FITC, Rhodamine and Cy5.

The transmission bands of excitation and emission filters do not overlap above OD 5 as shown in the figure.

Technical data

Four Excitation Filters

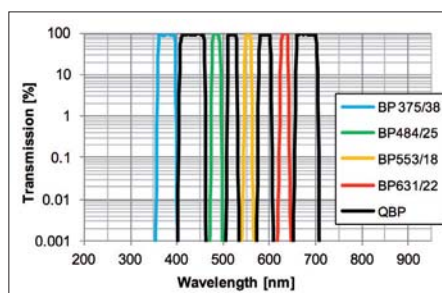
All: Block	200 - 950 nm	$T < 1E-5$
BP 375/38	362 - 388 nm	$T > 90\%$
BP 484/25	478 - 491 nm	$T > 90\%$
BP 533/18	551 - 556 nm	$T > 90\%$
BP 631/22	626 - 636 nm	$T > 90\%$

Emission Filter (QBP)

Block	200 - 950 nm	$T < 1E-5$
DAPI	412 - 452 nm	$T > 90\%$
FITC	516 - 521 nm	$T > 90\%$
Rhod.	582 - 595 nm	$T > 90\%$
Cy5	664 - 697 nm	$T > 90\%$

Beam Splitter 45°

DAPI	411 - 453 nm	$T > 95\%$
FITC	515 - 522 nm	$T > 95\%$
Rhod.	582 - 596 nm	$T > 95\%$
Cy5	663 - 696 nm	$T > 95\%$
Outside		$R > 95\%$



Headlines

Filter Set for Fluorochromes

Optimized for multispectral excitation

Coating Technology

Magnetron Sputtering

In-Situ Optical Monitoring

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We make it visible.