

### The filter list for NDD\* of Leica SP8 MP (for 2-photon only)

No.	Name	Filter1 for HyD7	Filter2 for HyD6	Beam splitter
1	DAPI/FITC	BP 460/50	BP 525/50	RSP 495
2	CFP/YFP	BP 535/30	BP 483/32	BS 505
3	FITC/TRITC	BP 525/50	BP 585/40	RSP 560
4	FITC/TXR	BP 525/50	BP 617/73	BS 560
5	TRITC/A633	BP 585/40	BP 650/50	RSP 620
6	mCherry/Cy5	BP 624/40	BP 685/40	RSP 650

Caution: There is only one for each filter and two SP8 share them, so please reserve the filter as well as the microscope when you reserve it on the on-line reservation system.

<What is NDD?>

The NDD (Non Descanned Detector) is the detector for the 2-photon imaging, and located near to the back aperture of the objective to detect the maximum amount of scatted emission signal from specimen. It is also called external detector, against the confocal detector is called internal detector.