



ImageStreamX MkII

Excited by 488 and 561 laser

Excited by 405 and 640 laser

Channel 1	Channel 2	Channel 3	Channel 4	Channel 5	Channel 6	Channel 7	Channel 8	Channel 9	Channel 10	Channel 11	Channel 12
468/76	532/56	578/36	628/64	690/60	760/80	468/76	532/56	578/36	628/64	690/60	760/80
Brightfield	FITC	PE	ECD	PerCP	SSC	DAPI	PacOrange	Brightfield	TxR	AF647	APC Cy7
	AF488	Cy-3	PE-TxR	Draq5	PE-Cy7	PacBlue	AF430		AF594	AF660	APC AF750
	GFP	AF555	PI	PerCp5	PE-750	MarBlue	Aqua Vivid		AF568	Cy5	SSC
	YFP	DS-Red	7AAD	PE-647	SSC	Hoechest			AF610	APC	
	Syto		PE-610	PE-Cy5						APC-Cy5.5	
	SpecGrn		mCherry	PE-680							

ImageStreamX MkII



Applications

- Cell cycle analysis (distinction of different mitotic phases)
- Cell-cell interactions
- Apoptosis vs necrosis
- Signal translocation, eg NFκB
- Co-localization of proteins with organelles
- Spot Counting (LC3, gH2AX)
- Internalization and phagocytosis
- Exosome analysis
- Inflammasome activation

