

Red Excitable Fluorescent Dyes, Excitation, Emission & Uses

LASER

EX/EM nm

FLUOROCHROME

USE

Red

•633/660

Allophycocyanin, APC

antibody fluorochrome

•633/672

AlexaFluor647

antibody fluorochrome

Red

•633/720

Alexa Fluor 700

antibody fluorochrome

•633/720

APC-Cy5.5

antibody fluorochrome

Red

•633/780

APC-Cy7

antibody fluorochrome

•633/780

APC-H7

antibody fluorochrome

•633/660

Cy5

antibody fluorochrome

Red

•633/680

DRAQ5

live cell cycle analysis

•633/780

DRAQ7

cell viability

Red

•633/680-730

Vybrant DyeCycle Ruby

live cell cycle

•633/660

FxCycle Far Red

fixed cell cycle

Red

•633/660

To-Pro3

cell viability, fixed cell cycle

•633/660

DiIC(5)

mitochondrial membrane potential

•633/660

LysoTracker Deep Red

lysosomal mass

Red

•633/740

Zombie NIR

Fixed cell viability

•633/775

APC-eFluor780

antibody fluorochrome

Red

Red