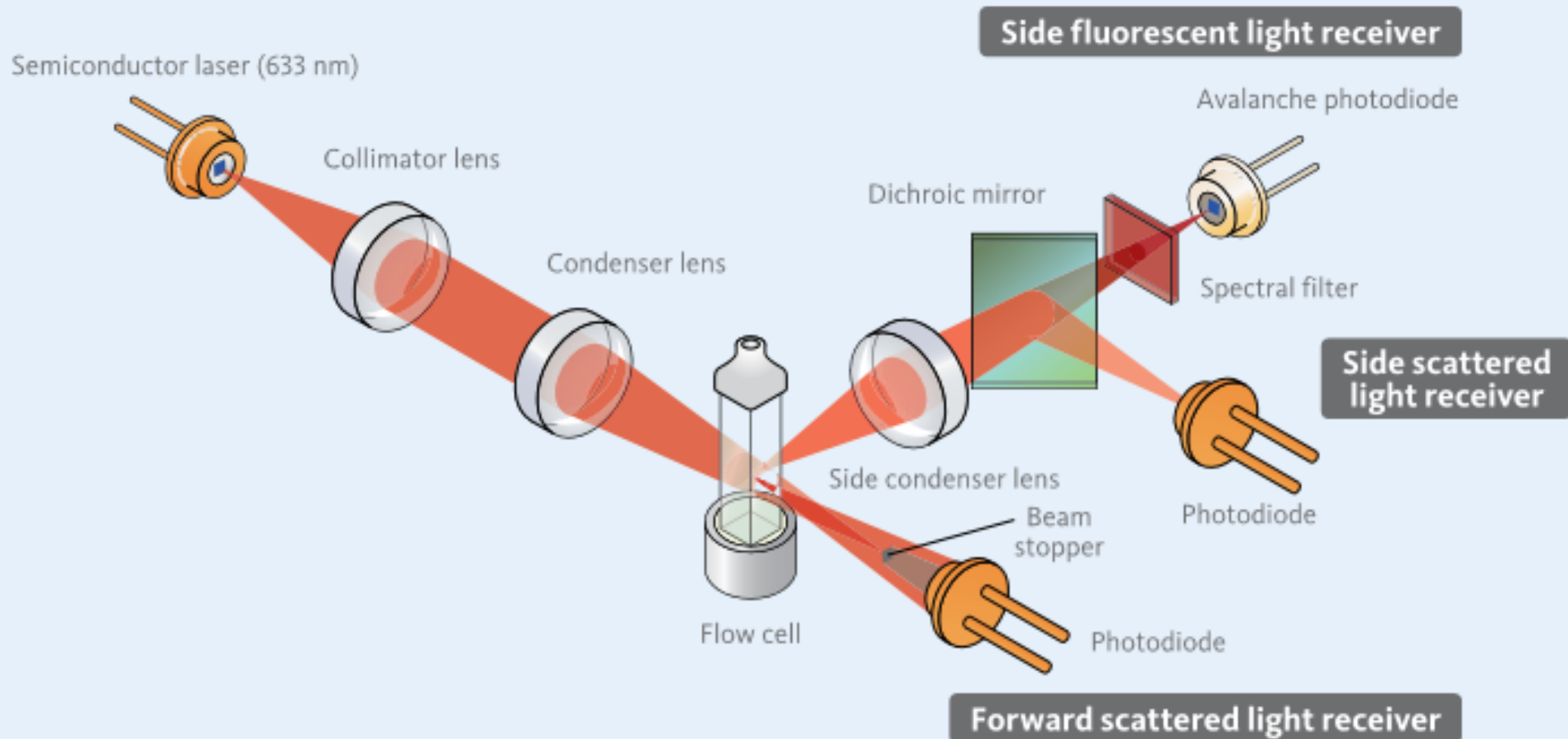


# Fluorescence Flowcytometry

The flow cytometry uses a red semiconductor laser counts and classifies cells by irradiating them with a 633nm laser beam and the following signals are collected:



## Three Signals Generated

**Forward Scattered Light (FSC)** measures cell size

| *The bigger the cell size, the stronger the FSC*

**Side Scattered Light (SSC)** measures intracellular structure

| *The more complex the intracellular structure, the stronger the SSC*

**Side Fluorescence Light (SFL)** measures the type and amount of RNA/DNA

| *The more DNA/RNA contained in the cells, the stronger the SFL*

