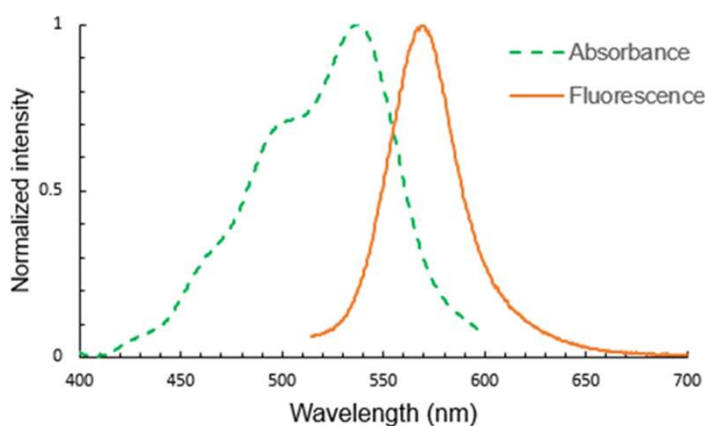


For research use only

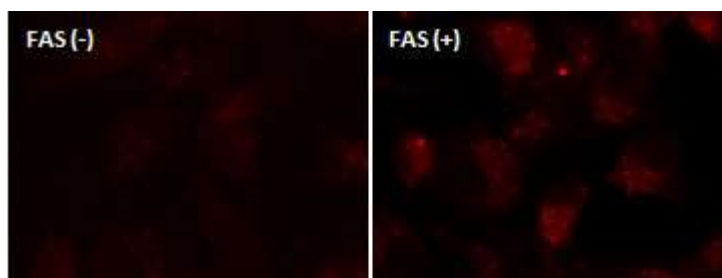
FeRhoNox™-1

Catalog no.	Product name	Amount	Storage upon receipt	Stability
GC901	FeRhoNox™-1	50 µg × 10	≤-20° C, desiccate and protect from light.	1 year (when unopened and stored as described.)

FeRhoNox™-1 (also called as RhoNox-1) is an activatable fluorescent probe that specifically detects labile Fe²⁺ ions via orange (red) fluorescence. It irreversibly fluoresces upon reaction with Fe²⁺ ions but does not react with other ions at physiologic concentrations. FeRhoNox™-1 tends to localize in Golgi within a cell.



Absorbance/Fluorescence spectra of FeRhoNox™-1 upon reaction with Fe²⁺ ions. Maximum absorption and fluorescence are observed at 537 nm and at 569 nm, respectively.



Iron (II) detection by FeRhoNox™-1 in HepG2 cells