

Propidium Iodide
Catalog # RTB10004**Specification**

Propidium Iodide - Product InformationApplication **FC****Propidium Iodide - Additional Information****Propidium Iodide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Propidium Iodide - Images**Propidium Iodide - Background**

Propidium Iodide (PI) is a membrane-impermeant DNA binding dye that cannot penetrate viable cells. PI rapidly enters cells with compromised membranes and intercalates between base pairs allowing exclusion of non-viable cells from analysis of flow cytometry data. PI has a broad emission spectrum from 535-617 nm and can be detected in either FL2 or FL3 detectors. When used with Annexin V FITC, it is recommended to analyze PI in FL2.