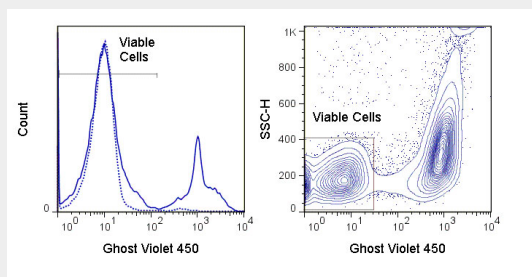


Ghost Dye™ Violet 450
Catalog # RTB10001**Specification****Ghost Dye™ Violet 450 - Product Information**Application **FC****Ghost Dye™ Violet 450 - Additional Information****Ghost Dye™ Violet 450 - Protocols**

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](#)

Ghost Dye™ Violet 450 - Images

LEFT: Mouse thymocytes were incubated overnight at 4°C (dashed) or 37°C (solid) and stained with Ghost Violet 450. RIGHT: Mouse splenocytes were stimulated overnight with PMA and stained with Ghost Violet 450. Viable gate is indicated.

Ghost Dye™ Violet 450 - Background

Ghost Dye™ Violet 450 is an amine reactive viability dye that can be used to discriminate viable from non-viable mammalian cells in flow cytometry applications. This dye irreversibly binds free amines available on the cell surface as well as intracellular free amines exposed in cells with compromised cell membranes. Necrotic cells with compromised membranes will react with significantly more Ghost Violet 450 dye than viable cells in the same sample and therefore will exhibit much greater fluorescence intensity allowing exclusion of these cells from analysis.