

PerCP Maleimide

Cat. No.:	HY-D2094
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

PerCP Maleimide

BIOLOGICAL ACTIVITY

Description

PerCP Maleimide is a fluorescent dye that reacts with free sulfhydryl groups on proteins. PerCP is a red fluorescence albuminous dye for immunostaining and Maleimide can be leveraged for the preparation of fluorogenic probe, which is mainly used for the specific detection of thiol analytes^{[1][2]}.

REFERENCES

- [1]. Niki H, et al. A new immunofluorostaining method using red fluorescence of PerCP on formalin-fixed paraffin-embedded tissues. *J Immunol Methods*. 2004 Oct;293(1-2):143-51.
- [2]. Zhang S, et, al. A Maleimide-functionalized Tetraphenylethene for Measuring and Imaging Unfolded Proteins in Cells. *Chem Asian J*. 2019 Mar 15;14(6):904-909.

Caution: Product has not been fully validated for medical applications. For research use only.

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