

FITC-labeled ODN 1585 sodium

Cat. No.: HY-150725B
Target: Toll-like Receptor (TLR)
Pathway: Immunology/Inflammation
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

FITC-labeled ODN 1585

BIOLOGICAL ACTIVITY

Description

FITC-labeled ODN 1585 (sodium) is a potent inducer of IFN and TNF α production. FITC-labeled ODN 1585 (sodium) can be used to evaluate CpG ODN cellular uptake and localization by confocal laser-scanning microscopy (excitation 495 nm, emission 520 nm) or flow cytometry.

REFERENCES

- [1]. Blazar BR, et al. Synthetic unmethylated cytosine-phosphate-guanosine oligodeoxynucleotides are potent stimulators of antileukemia responses in naive and bone marrow transplant recipients. *Blood*. 2001 Aug 15;98(4):1217-25.
- [2]. Gramzinski RA, et al. Interleukin-12- and gamma interferon-dependent protection against malaria conferred by CpG oligodeoxynucleotide in mice. *Infect Immun*. 2001 Mar;69(3):1643-9.
- [3]. Krug A, et al. Identification of CpG oligonucleotide sequences with high induction of IFN-alpha/beta in plasmacytoid dendritic cells. *Eur J Immunol*. 2001 Jul;31(7):2154-63.

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

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