

AF 488 NHS Ester

Article number: KF-YG0767

specification: 1mg/5mg/10mg

Product Application

AF488 is an amine-reactive, green-emitting dye commonly used to label proteins or antibodies via primary amines (Lys), amine- oligonucleotides, and other amine-containing biomolecules. Labeling is most efficient at pH 7-9 and forms stable covalent amide bonds.

AF 488 is a-soluble, highly photostable dye with a very high fluorescence quantum yield. It exhibits green fluorescence, is pH-independent between pH 4 and pH 10, and excitation is well-suited for the 488 nm laser line. AF 488 dyes can be conjugated to a variety of antibodies, peptides, proteins, tracers, and amplification, which are typically used to generate stable signals in imaging and flow cytometry.

AF 488 Ester is structurally identical to Alexa Fluor® 488 NHS Ester. absorption/emission spectrum perfectly matches that of many other sulfonated rhodamine 110 core-based fluorescent dyes, including DyLight® 488 and CF® 88 Dye.





广州科梵生物技术有限公司
Guangzhou KEFAN Biotechnology Co., Ltd.

Transportation and storage

Transport conditions: Cold

Storage conditions: -20° C, dry, protected from light.

