Product Information

Duolink® In Situ PLA® Probe Anti-Human PLUS

DUO92020
Storage Temperature 2-8 °C

Product Description

Duolink® In Situ PLA® Probe Anti-Human PLUS contains affinity purified donkey anti-human IgG (H+L), which reacts with whole molecule human IgG and also reacts with the light chains of other human immunoglobulins.

The PLA® Probe Anti-Human Plus has minimal cross-reactivity with bovine, chicken, goat, guinea pig, Syrian hamster, horse, mouse, rabbit, rat, and sheep serum proteins

Components

Sufficient components are provided for the indicated number of reactions (30 or 100 RXN), based on 40 µL of the total reaction mixture covering 1 cm^2.

Component	Volume for 30 RXN	Volume for 100 RXN
5x PLA® Probe Anti-Human PLUS: Donkey anti-human secondary antibody conjugated to oligonucleotide PLUS (Cat. No. DUO92020)	-	-
1x Blocking Solution: Reagent for blocking of the sample (Cat. No. DUO82007)	4 mL	8 mL
1x Antibody Diluent: For dilution of PLA® Probes and primary antibodies (Cat. No. DUO82008)	2.5 mL	8 mL

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

Preparation Instructions

The 1× Blocking Solution and the 1× Antibody Diluent are supplied ready to use.

The PLA® Probe Anti-Human PLUS is supplied as a 5× concentrated stock. Dilute the PLA® Probe 5-fold with 1× Antibody Diluent. Prepare the appropriate volume of diluted PLA® Probe the day of the experiment, do not store diluted PLA® Probes.

Storage/Stability

Store the PLA® probe at 2–8 °C.

Do not freeze PLA® probes.

Do not store diluted PLA® Probe solutions.

Procedure

Experiments conducted using Duolink® In Situ reagents can detect and visualize protein interactions, protein expression levels, and post translational modifications at the single molecule level in fixed cells and tissue samples. To perform a complete Duolink® In Situ experiment, two primary antibodies (IHC or ICC/IF validated) that recognize two target epitopes are required. Additional reagents required include a pair of PLA® probes (one PLUS and one MINUS) and detection reagents of choice. Recommended reagents include Wash Buffers and Mounting Medium.

Notice

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