



YamayBio

Goat Anti-Mouse IgG Antibody(H+L), XFD555

USER GUIDE

For research use only.
Not for use in diagnostic procedures.

Introduction

This product (AF2109) consists of affinity-purified goat antibodies specific to mouse IgG (H+L), conjugated to the highly bright and stable XFD555 fluorophore. XFD555 is manufactured by AAT Bioquest and features a chemical structure similar to Alexa Fluor® 555 (Thermo Fisher).

The antibody provides exceptional sensitivity with minimal background interference, enabling accurate and reliable target localization in imaging applications. It has been cross-adsorbed to minimize cross-reactivity with IgGs from other species, making it an ideal choice for high-performance immunofluorescence (IF) assays.

Applications

| Application | Tested Dilution |
|--------------------|--------------------|
| Western Blot | 1:5,000 - 1:10,000 |
| Immunofluorescence | 1:1,000 - 1:2,000 |

Specifications and Storage

| Specification | Description |
|-------------------------|--|
| Host/Isotype | Goat/IgG |
| Type | Secondary Antibody |
| Class | Polyclonal |
| Antibody Form | Whole Antibody |
| Target | IgG (H+L) |
| Species Reactivity | Mouse |
| Conjugate | XFD555 |
| Excitation/Emission Max | 557 nm / 576 nm |
| Form | Liquid |
| Concentration | 2 mg/mL |
| Quantity | 100 µL |
| Storage Buffer | 10 mM PBS (pH 7.2) |
| Contains | 0.05% Sodium Azide, 2 mg/mL BSA (IgG-free and protease-free) |

Storage: Store the Secondary Antibody at 4°C in the dark. The product is stable for up to 24 months under recommended storage conditions. This product is shipped with ice packs.