



YamayBio

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

USER GUIDE

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

Introduction

This product (AF2110) consists of affinity purified goat antibodies specific for rabbit IgG (H+L), conjugated to the bright and photostable XFD555 fluorophore. XFD555, manufactured by AAT Bioquest, has a chemical structure similar to Alexa Fluor™ 555 (Thermo Fisher).

The conjugate provides exceptional sensitivity with minimal background fluorescence, enabling precise target localization in fluorescence imaging applications. To minimize cross reactivity, the antibody has been extensively cross adsorbed against immunoglobulins from other species. This ensures high specificity and reliable performance in 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	Rabbit
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.