



YamayBio

Goat Anti-Mouse IgG Antibody(H+L), XFD488

USER GUIDE

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

Introduction

This product (AF2107) consists of affinity-purified goat antibodies specific to mouse IgG (H+L), conjugated to the highly bright and stable XFD488 fluorophore. XFD488 is manufactured by AAT Bioquest and features a chemical structure similar to Alexa Fluor® 488 (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
Flow Cytometry	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	XFD488
Excitation/Emission Max	495 nm / 519 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.