

CERTIFICATE OF ANALYSIS

Product Name: Goat Anti-Mouse IgG Antibody(H+L), XFD555
Cat.No: AF2109
Lot.No: 96B5103
Production Date: 05/06/2026
Expiry Date: 05/06/2028
Storage Temperature: Stored at 4°C

Parameter	Specification	Result
Immunogen	Mouse IgG	
Application	Western Blot , Immunofluorescence, Flow Cytometry	
Dilution	Western Blot: 1:5,000~1:10,000 Immunofluorescence 1:1,000~1:2,000 Flow Cytometry: 1:1,000~1:2,000	
Format	Buffer System: Liquid in 10mM PBS containing 2mg/mL BSA and 0.05% sodium azide, pH 7.2	
Function test	<p>Immunofluorescence</p> <p>Sample: Paraformaldehyde-fixed, paraffin embedded mouse subcutaneous tumor tissue. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 minutes.</p> <p>Primary antibodies: Anti-Ki67 Mouse mAb at 1:100 dilution and Anti-p-H2AX Rabbit mAb at 1:100 dilution.</p> <p>Secondary antibodies: AF2109 at 1:1,000 dilution and AF2108 at 1:1,000 dilution. Nuclei were stained with DAPI</p>	<p>The fluorescent secondary antibody, AF2109, performed as expected. It produced strong and specific nuclear-associated red fluorescence with negligible background in mouse subcutaneous tumor tissue sections co-stained with anti-Ki67 mouse mAb. The staining pattern correctly localized to the proliferating cell nuclei, confirming the secondary antibody's high specificity and sensitivity under the tested conditions</p>

Quality authorized by: *Esther Zhang*

Issue date: 05/07/2026

YamayBio Inc.
 Address: 6191 Cornerstone Court, Suite 107, San Diego, CA 92121, USA
 Website: www.yamaybio.com
 Email: info@yamaybio.com