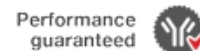


# Goat anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody

Catalog Number 31164



Product Data Sheet

Details		Species Reactivity	
Size	1.5 mg	Tested species reactivity	Mouse
Host / Isotype	Goat IgG	Tested Applications	Dilution *
Class	Polyclonal	Flow Cytometry (Flow)	Assay Dependent
Type	Secondary Antibody	Immunocytochemistry (ICC)	Assay Dependent
Conjugate	Unconjugated	Immunofluorescence (IF)	Assay Dependent
Target Class	IgG	Immunohistochemistry (IHC)	Assay Dependent
Antibody Form	Whole Antibody	Immunoprecipitation (IP)	Assay Dependent
Form	Liquid	Western Blot (WB)	Assay Dependent
Concentration	1.7mg/ml	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Purification	Antigen affinity chromatography		
Storage Buffer	PBS, pH 7.6		
Contains	no preservative		
Storage Conditions	4° C		

## Product Specific Information

Concentration may vary slightly from lot-to-lot, see lot-specific datasheet for exact concentration.

Product # 31164 has been successfully used in Western blot, IF, ICC, IHC, IP and FACS applications.

Product # 31164 reacts with the heavy chains of mouse IgG and with the light chains common to most mouse immunoglobulins, but does not react against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reactivity with human, bovine and horse serum proteins. However, this antibody may cross-react with immunoglobulins from other species.

Store product at 4°C until opened. After opening, dilute only enough product for a single day's use. Store remainder at 2-8 °C under sterile conditions.

Country of Origin: USA

## Background/Target Information

Thermo Scientific Anti-Mouse secondary antibodies are affinity-purified antibodies with well-characterized specificity for mouse immunoglobulins and are useful in the detection, sorting or purification of its specified target. Secondary antibodies offer increased versatility enabling users to use many detection systems (e.g. HRP, AP, fluorescence). They can also provide greater sensitivity through signal amplification as multiple secondary antibodies can bind to a single primary antibody. Most commonly, secondary antibodies are generated by immunizing the host animal with a pooled population of immunoglobulins from the target species and can be further purified and modified (i.e. immunoaffinity chromatography, antibody fragmentation, label conjugation, etc.) to generate highly specific reagents.

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