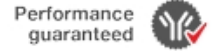


Goat anti-Mouse IgG (H+L) Secondary Antibody,  
Biotin



Catalog Number 31800

Product Data Sheet

Details		Species Reactivity	
Size	2mL	Tested species reactivity	Mouse
Host / Isotype	Goat / IgG	Published Species Reactivity	Not Applicable
Class	Polyclonal	Tested Applications	Dilution *
Type	Secondary Antibody	ELISA (ELISA)	1:20,000 - 1:400,000
Conjugate	Biotin	Flow Cytometry (Flow)	1:200 - 1:1,000
Target Class	IgG	Immunocytochemistry (ICC)	1:500 - 1:5,000
Form	Lyophilized	Immunofluorescence (IF)	1:500 - 1:5,000
Concentration	1.2mg/ml	Immunohistochemistry (IHC)	1:500 - 1:5,000
Purification	Antigen affinity chromatography	Immunoprecipitation (IP)	1:500 - 1:5,000
Storage Buffer	PBS, pH 7.6, with 15mg/ml BSA	Western Blot (WB)	1:5,000-1:20,000
Contains	0.05% sodium azide	Published Applications	
Storage Conditions	4° C	Immunohistochemistry (IHC)	See 1 publications below

\* 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.

Product Specific Information

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

Product # 31800 has been successfully used in Western blot, IF, ICC, IHC, IP and FACS applications.

Product # 31800 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. However, this antibody may cross-react with immunoglobulins from other species.

Store product at 4°C until opened. To extend the shelf-life of this product, add an equal volume of glycerol to make a final concentration of approximately 50% glycerol and store at -20°C.

Reconstitute with 2.0 ml of distilled water.

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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