

Goat anti-Rat IgG Fc Secondary Antibody

Lot Number: RC2177217

Product Data Sheet

Tested Species Reactivity

Rat (Rt)

Tested Applications

| Tested Applications | Dilution * |
|----------------------------|-----------------|
| Western Blot (WB) | Assay Dependent |
| Immunofluorescence (IF) | Assay Dependent |
| Immunocytochemistry (ICC) | Assay Dependent |
| Immunohistochemistry (IHC) | Assay Dependent |
| Flow Cytometry (Flow) | Assay Dependent |
| Immunoprecipitation (IP) | Assay Dependent |

* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details

| | |
|------------------------|--------------------|
| Catalog Number: | 31226 |
| Size: | 2 mg |
| Class: | Polyclonal |
| Type: | Secondary Antibody |
| Clone: | |
| Host / Isotype: | Goat / IgG |
| Immunogen: | |

Form Information

| | |
|----------------------------|---------------------------------|
| Form: | Liquid |
| Concentration: | 2.4mg/ml |
| Purification: | Antigen affinity chromatography |
| Storage Buffer: | PBS, pH 7.6 |
| Preservative: | 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 # 31226 has been successfully used in Western blot, IF, ICC, IHC, IP and FACS applications.

Product # 31226 reacts with the heavy chains of rat IgG, but not with the light chains of most rat immunoglobulins. The antibody does not react against non-immunoglobulin serum proteins or against rat IgM. 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.

Country of Origin: USA

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General Information

Thermo Scientific Anti-Rat secondary antibodies are affinity-purified antibodies with well-characterized specificity for rat 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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