

Product Information

Anti-Rabbit-IgG-Atto 633

produced in goat

Catalog Number **41176**

Product Description

Anti-Rabbit IgG (whole molecule), Catalog Number R4880, is produced in goat using purified rabbit IgG as the immunogen. Affinity isolated antigen specific antibody is purified from goat anti-rabbit IgG antiserum to remove essentially all goat serum proteins, including immunoglobulins, which do not specifically bind to rabbit IgG. Anti-Rabbit IgG is conjugated to Atto 633 NHS, λ_{ex} 630 nm; λ_{em} 650 nm, Catalog Number 01464, then further purified via gel permeation chromatography and dialysis to remove unbound Atto-Dye.

Reagents

Supplied in unit sizes of 1 ml as 1 mg/ml solution in phosphate buffered saline, pH 7.4, containing 4 mM sodium azide and 50% glycerol.

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage / Stability

For continuous use, store at 2-8 °C for up to three months. For extended storage, the solution may be frozen in working aliquots at -20 °C. Frozen aliquots are stable for at least six months. Repeated freezing and thawing, or storage in "frost-free" freezers, is not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Protect fluorescent conjugates from light.

Working Concentration

It is recommended that each individual user determine the optimum working dilution empirically for their systems.

Generally, concentrations of 1-10 µg /ml are sufficient for many applications.

Fluorophore / Protein (F/P) Ratio: >2

Unconjugated dye ≤5% of total fluorescence

The F/P molar ratio is determined spectrophotometrically and the F/P ratio of each lot is provided on the Certificate of Analysis

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