

Product datasheet

Goat F(ab) Anti-Rabbit IgG H&L (1.4nm Gold (ultra-small) + FITC) ab33110

1 References

Overview

Product name	Goat F(ab) Anti-Rabbit IgG H&L (1.4nm Gold (ultra-small) + FITC)
Target species	Rabbit
Tested applications	Suitable for: Electron Microscopy, ICC/IF, WB
Immunogen	Rabbit IgG whole molecule.
Conjugation	FITC + Gold 1.4nm

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.05% Sodium Azide Constituents: 0.1% BSA, 20mM PBS, 150mM Sodium chloride, pH 7.4
Purity	IgG fraction
Purification notes	Chromatographically purified through gel filtration columns.
Clonality	Polyclonal
Isotype	IgG
General notes	

This product is a revolutionary new immunocytochemical reagent. This unique antibody probe contains a molecular label which contains both the 1.4nm ultra-small gold particle and fluorescein, enabling both fluorescence and electron microscope observation of a sample stained in a single labelling procedure. This probe is smaller than a whole IgG molecule, does not aggregate, and fluorescence quenching due to the gold particle is negligible. Normal methodologies may be used successfully with this product. Due to some quenching of fluorescence by the gold particle, slightly higher concentrations of antibody are recommended for incubations. A blocking agent of 5% non-fat dried milk has been found to reduce background in some cases: this should be used before incubation with probe (in standard wash/blocking steps), and additionally, the Fluorescein-ultra-small gold probe should be diluted in a solution also containing 5% non-fat dried milk before it is applied.

Applications

Our [Abpromise guarantee](#) covers the use of **ab33110** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Electron Microscopy		Use at an assay dependent dilution.
ICC/IF		Use at an assay dependent dilution.
WB		Use at an assay dependent dilution.

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