

Datasheet for 616-4202**Donkey IgG (H&L) Antibody Fluorescein Conjugated****Overview**

Description:	Rabbit Anti-Donkey IgG (H&L) Antibody Fluorescein Conjugated - 616-4202
Item No.:	616-4202
Size:	2 mg
Applications:	FISH
Reactivity:	Donkey
Host Species:	Rabbit

Product Details

Background:	Anti-Donkey IgG Fluorescein Antibody generated in rabbit detects donkey IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsonization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present.
Synonyms:	rabbit anti-Donkey IgG Antibody fluorescein Conjugation, rabbit anti-Donkey IgG FITC Conjugated Antibody
Host Species:	Rabbit
Specificity:	IgG (H&L)
Conjugate:	Fluorescein (FITC)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Donkey
Immunogen:	Donkey IgG whole molecule

Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Donkey IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Rabbit Serum, Donkey IgG and Donkey Serum.
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Application Details

Suggested Applications:	FISH (Based on references)
Application Note:	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
FC:	1:500 - 1:2,500
FLISA:	1:10,000 - 1:50,000
IF:	1:1,000 - 1:5,000

Formulation

Physical State:	Lyophilized
Concentration:	2.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

References

- Schurra C et al. Combing genomic DNA for structural and functional studies. *Methods Mol Biol.* (2009)

Disclaimer

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