Datasheet for ABIN611722

Donkey anti-Goat IgG (Heavy & Light Chain) Antibody (DyLight 594)

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Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Goat
Host:	Donkey
Conjugate:	DyLight 594
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

Product Details

Immunogen:	Purified Goat IgG, whole molecule
Characteristics:	Donkey anti-Goat IgG (H&L) - Affinity Pure, DyLight 594 Conjugate. Fluorphore: DyLight 594 (Ex = 593 nm, Em = 618 nm). Fluor Protein Ratio: Moles DyLight 594 per Mole Antibody.
Purification:	Affinity purified using solid phase mouse IgG (H&L)
Purity:	> 95 % based on SDS-PAGE

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Application Details

Application Notes:	This conjugate is suitable for immunomicroscopy, flow cytometry. The optimal working dilution should be determined by the investigator. Suggested starting dilution: 1:20 - 1:2,000 for most applications
Comment:	Country of Origin: Donkey serum was obtained from healthy animals of US origin, under the care of a registered veterinarian. DyLight is a trademark of Thermo Fisher Scientific, Inc. and its subsidiaries.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	1 mg/mL
Buffer:	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free. 0.05 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Product is photosensitive and should be protected from light. Prepare working dilution prior to use and then discard. Be sure to mix well but without foaming. A solution with 50 % glycerol will not freeze in -20 °C. If you are using a 1:5000 dilution prior to diluting with glycerol, then you would need to use a 1:2500 dilution after adding glycerol.
Storage:	4 °C

Publications

Product cited in:	Gattoni-Celli, Kirsch, Timpane, Isselbacher: "Beta 2-microglobulin gene is mutated in a human colon cancer cell line (HCT) deficient in the expression of HLA class I antigens on the cell surface." in: **Cancer research**, Vol. 52, Issue 5, pp. 1201-4, (1992) (PubMed).