

Datasheet for ABIN612018

## Goat anti-Human IgG (Heavy & Light Chain) Antibody (DyLight 650)



[Go to Product page](#)

### 3 Publications

#### Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Goat
Conjugate:	DyLight 650
Application:	Flow Cytometry (FACS), Immunofluorescence (IF)

#### Product Details

Immunogen:	Purified human IgG, whole molecule
Characteristics:	Goat anti-human IgG (H&L) - Affinity Pure, DyLight 650 Conjugate. Fluorophore: DyLight 650 (Ex = 652 nm, Em = 672 nm). Fluor Protein Ratio: Moles DyLight 650 per Mole Antibody.
Purification:	Affinity purified using solid phase human IgE (H&L)
Purity:	> 95 % based on SDS-PAGE

#### Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody

## Application Details

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

## Handling

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Format:	Lyophilized
Reconstitution:	Rehydrate with 1.1 ml of deionized water and let stand 30 minutes at room temperature to dissolve. (Product has been overfilled to ensure complete recovery.) Centrifuge to remove any particulates. Prepare fresh working dilution daily.
Concentration:	1.0 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:	<p>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.</p>
Storage:	4 °C

## Publications

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Product cited in:	<p>Steger, Füller, Garcia-Cuellar, Hetzner, Slany: "Insulin-like growth factor 1 is a direct HOXA9 target important for hematopoietic transformation." in: <b>Leukemia</b>, Vol. 29, Issue 4, pp. 901-8, (2015) (<a href="#">PubMed</a>).</p> <p>Liu, Chen, Zhou, Liu, Tang: "Insulin-like growth factor-1 and bone morphogenetic protein-2 jointly</p>
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mediate prostaglandin E2-induced adipogenic differentiation of rat tendon stem cells." in: **PLoS ONE**, Vol. 9, Issue 1, pp. e85469, (2014) ([PubMed](#)).

Nicolas-Francès, Arnauld, Kaminski, Ver Loren van Themaat, Clémencet, Chamouton, Athias, Grober, Gresti, Degrace, Lagrost, Latruffe, Mandard: "Disturbances in cholesterol, bile acid and glucose metabolism in peroxisomal 3-ketoacylCoA thiolase B deficient mice fed diets containing high or low fat contents." in: **Biochimie**, Vol. 98, pp. 86-101, (2014) ([PubMed](#)).