



Datasheet for ABIN376101

## Goat anti-Mouse IgG1 (Heavy Chain) Antibody (FITC)



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### Overview

Quantity:	1 mg
Target:	IgG1
Binding Specificity:	Heavy Chain
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	FITC
Application:	ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

### Product Details

Isotype:	IgG
Specificity:	Reacts with the heavy chain of mouse IgG1 as demonstrated by ELISA, FLISA, and/or flow cytometry.
Characteristics:	Source: Pooled antisera from goats hyperimmunized with mouse IgG 1 paraproteins.
Purification:	Affinity chromatography on pooled mouse IgG covalently linked to agarose.

### Target Details

Target:	IgG1
Abstract:	<a href="#">IgG1 Products</a>
Target Type:	Antibody

## Application Details

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Application Notes:	Working Dilution: Immunofluorescence: $\leq 1 \mu\text{g}/10^6$ cells Representative data are included in this product insert.  Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Comment:	Excitation/Emission wavelength: 494 nm/514 nm
Restrictions:	For Research Use only

## Handling

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Concentration:	1.0 mg/mL
Buffer:	PBS / NaN <sub>3</sub> .
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:	<b>Protect conjugated products from light.</b> Each reagent is stable for the period shown on the bottle label if stored as directed.
Storage:	4 °C

## Publications

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Product cited in:	Gilchuk, Kuzmina, Ilinykh, Huang, Gunn, Bryan, Davidson, Doranz, Turner, Fusco, Bramble, Hoff, Binshtein, Kose, Flyak, Flinko, Orlandi, Carnahan, Parrish, Sevy, Bombardi, Singh, Mukadi et al.: "Multifunctional Pan-ebolavirus Antibody Recognizes a Site of Broad Vulnerability on the Ebolavirus Glycoprotein. ..." in: <b>Immunity</b> , Vol. 49, Issue 2, pp. 363-374.e10, (2019) ( <a href="#">PubMed</a> ).  Zhang, Gorman, Geng, Liu, Lin, Tsybovsky, Go, Dey, Andine, Kwon, Patel, Gururani, Uddin, Guzzo, Cimbro, Miao, McKee, Chuang, Martin, Sironi, Malnati, Desaire, Berger, Mascola, Dolan, Kwong,
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Lusso: "Interdomain Stabilization Impairs CD4 Binding and Improves Immunogenicity of the HIV-1 Envelope Trimer." in: **Cell host & microbe**, Vol. 23, Issue 6, pp. 832-844.e6, (2019) ([PubMed](#)).

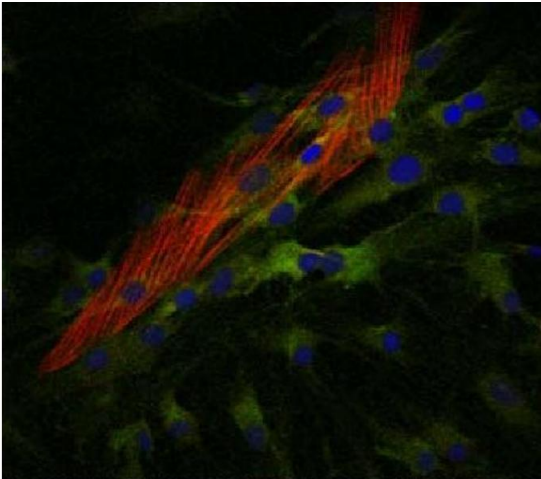
Järvinen, Wang, Seppo, Zand: "Novel multiplex assay for profiling influenza antibodies in breast milk and serum of mother-infant pairs." in: **F1000Research**, Vol. 7, pp. 1822, (2018) ([PubMed](#)).

Kowalczyk-Quintas, Chevalley, Willen, Jandus, Vigolo, Schneider: "Inhibition of Membrane-Bound BAFF by the Anti-BAFF Antibody Belimumab." in: **Frontiers in immunology**, Vol. 9, pp. 2698, (2018) ([PubMed](#)).

Cao, Pauthner, Andrabi, Rantalainen, Berndsen, Diedrich, Menis, Sok, Bastidas, Park, Delahunty, He, Guenaga, Wyatt, Schief, Ward, Yates, Burton, Paulson: "Differential processing of HIV envelope glycans on the virus and soluble recombinant trimer." in: **Nature communications**, Vol. 9, Issue 1, pp. 3693, (2018) ([PubMed](#)).

## Images

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**Image 1.** Human myofibroblasts were stained with anti-COX2 and anti- $\alpha$ -SMA followed by Goat Anti-Mouse IgG2a, Human ads-TXRD