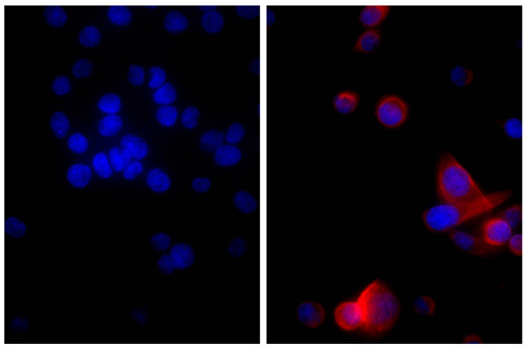
SouthernBiotech

Goat F(ab')$_2$ Anti-Mouse Ig, Human ads

Cat. No.	Format	Size
1012-01	Purified (UNLB)	0.5 mg
1012-02	Fluorescein (FITC)	0.5 mg
1012-04	Alkaline Phosphatase (AP)	1.0 mL
1012-05	Horseradish Peroxidase (HRP)	1.0 mL
1012-08	Biotin (BIOT)	0.5 mg
1012-09	R-phycoerythrin (PE)	0.25 mg
1012-10	R-phycoerythrin-Texas Red® (PE/TXRD)	0.25 mg
1012-11	Allophycocyanin (APC)	0.25 mg
1012-13	Spectral Red® (SPRD)	0.25 mg
1012-15	Cyanine 5 (CY5)	0.5 mg
1012-16	R-phycoerythrin-Cyanine 5.5 (PE/CY5.5)	0.25 mg
1012-30	Alexa Fluor® 488 (AF488)	0.5 mg
1012-31	Alexa Fluor® 647 (AF647)	0.5 mg
1012-32	Alexa Fluor® 555 (AF555)	0.5 mg



Human pancreatic carcinoma cell line MIA PaCa-2 was stained with Mouse Anti-Cytokeratin 18-UNLB (SB Cat. No. 10085-01; right) followed by Goat F(ab')2 Anti-Mouse Ig, Human ads-AF555 (SB Cat. No. 1012-32) and DAPI.

Description

Specificity	Reacts with the heavy and light chains of mouse IgG_1, IgG_{2a}, IgG_{2b}, IgG_{2c}, IgG_3, IgM, and IgA
Source	Pepsin digest of Goat Anti-Mouse Ig, Human ads (SB Cat. No. 1010)
Cross Adsorption	Human immunoglobulins and pooled sera; may react with immunoglobulins from other species

Applications

Quality tested applications include –

ELISA [1-6]
FLISA
FC [8-21]

Other referenced applications include –

ELISPOT [5,7]
ICC [22,23]
WB [24]
Stim [25-27]

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC, AF488, and AF555 conjugates	1:100 – 1:400
	PE, APC, CY5, and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC, BIOT, and AF488 conjugates	≤ 1 µg/10^6 cells
	PE, APC, SPRD, CY5, PE/CY5.5, and AF647 conjugates	≤ 0.1 µg/10^6 cells
	PE/TXRD	≤ 0.03 µg/10^6 cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

For Research Use Only. Not for Diagnostic or Therapeutic Use.

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA **Mailing Address:** P.O. Box 26221 • Birmingham, AL 35260 • USA
Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • **Fax:** 205.945.8768
Email: info@southernbiotech.com • **Website:** www.southernbiotech.com

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added*. Store at 2-8°C.
- The fluorescein (FITC), Cyanine 5 (CY5), Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 0.5 mg in 1.0 mL of PBS/NaN_3. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50 mM Tris/1 mM $MgCl_2$/50% glycerol, pH 8.0, containing NaN_3 as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN_3. Store at 2-8°C.
- The R-phycoerythrin (PE) and allophycocyanin (APC) conjugates are supplied as 0.25 mg in 1.0 mL of PBS/NaN_3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Spectral Red® (SPRD), R-phycoerythrin-Texas Red® (PE/TXRD), and R-phycoerythrin-Cyanine 5.5 (PE/CY5.5) conjugates are supplied as 0.25 mg in 1.0 mL of PBS/NaN_3 and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific (M)SDS.

References

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Email: info@southernbiotech.com • **Website:** www.southernbiotech.com