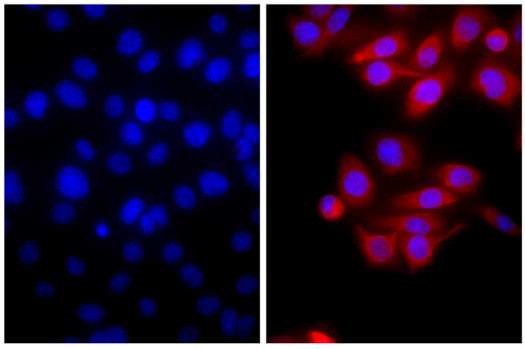
SouthernBiotech

Goat Anti-Mouse IgG(H+L), Rat ads

Cat. No.	Format	Size
1034-01	Purified (UNLB)	0.5 mg
1034-02	Fluorescein (FITC)	0.5 mg
1034-03	Rhodamine (TRITC)	0.5 mg
1034-04	Alkaline Phosphatase (AP)	1.0 mL
1034-05	Horseradish Peroxidase (HRP)	1.0 mL
1034-07	Texas Red® (TXRD)	0.5 mg
1034-08	Biotin (BIOT)	0.5 mg
1034-09	R-phycoerythrin (PE)	0.25 mg
1034-32	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 Anti-Mouse IgG(H+L), Rat ads-TXRD (SB Cat. No. 1034-07) and DAPI.

Description

Specificity	Reacts with the heavy and light chains of mouse IgG_1, IgG_{2a}, IgG_{2b}, IgG_{2c}, and IgG_3 and with the light chains of mouse IgM and IgA
Source	Pooled antisera from goats hyperimmunized with mouse IgG
Cross Adsorption	Rat immunoglobulins and pooled sera; may react with immunoglobulins from other species
Purification	Affinity chromatography on mouse IgG covalently linked to agarose

Applications

Quality tested applications include –

ELISA [1-5]
FLISA
FC [6-9]

Other referenced applications include –

ELISPOT [10]
WB [11-17]
IHC-FS [18]
ICC [19]

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, TRITC, TXRD, and AF555 conjugates	1:100 – 1:400
	PE conjugate	≤ 1 µg/mL
Flow Cytometry	FITC and BIOT conjugates	≤ 1 µg/10^6 cells
	PE conjugate	≤ 0.1 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.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.*
- The fluorescein (FITC), rhodamine (TRITC), and Texas Red® (TXRD) 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 in a stock solution of 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 in a stock solution of 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) conjugate is 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 Alexa Fluor® 555 (AF555) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN_3. Store at 2-8°C.
- 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 SDS.

References

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