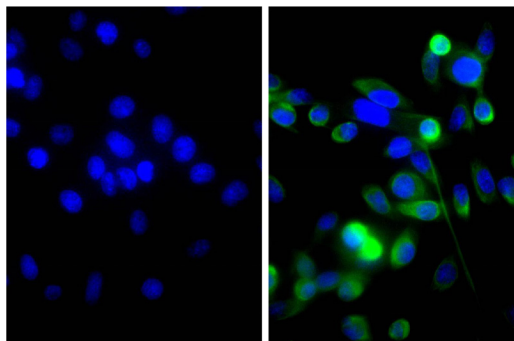


Goat Anti-Mouse IgG(H+L), Multi-Species SP ads

Cat. No.	Format	Size
1038-01	Purified (UNLB)	1.0 mg
1038-02	Fluorescein (FITC)	1.0 mg
1038-04	Alkaline Phosphatase (AP)	1.0 mL
1038-05	Horseradish Peroxidase (HRP)	1.0 mL
1038-08	Biotin (BIOT)	1.0 mg
1038-09	R-phycoerythrin (PE)	0.5 mg
1038-30	Alexa Fluor [®] 488 (AF488)	1.0 mg
1038-31	Alexa Fluor [®] 647 (AF647)	1.0 mg
1038-32	Alexa Fluor [®] 555 (AF555)	1.0 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), Multi-Species SP ads-AF488 (SB Cat. No. 1038-30) 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	Human, rat, hamster, goat, sheep, rabbit, chicken, guinea pig, horse, and bovine serum proteins (SP); may react with immunoglobulins from other species
Purification	Affinity chromatography on mouse IgG covalently linked to agarose

Applications

Quality tested applications include –

ELISA¹
FLISA

Other referenced applications include –

ICC²

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	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 and AF488 conjugates	1:100 – 1:400
	AF555 conjugate	1:100 – 1:200
	PE and AF647 conjugates	≤ 1 µg/mL
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

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

Handling and Storage

- The purified (UNLB) antibody is supplied as 1.0 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) conjugate is supplied as 1.0 mg in 1.0 mL of PBS/NaN₃. 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 MgCl₂/50% glycerol, pH 8.0, containing NaN₃ 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 1.0 mg in 2.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN₃. 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 (M)SDS.

References

1. Siman R, Shahim P, Tegner Y, Blennow K, Zetterberg H, Smith DH. Serum SNTF increases in concussed professional ice hockey players and relates to the severity of postconcussion symptoms. *J Neurotrauma*. 2015;32:1294-300. (ELISA)
2. SouthernBiotech published data (ICC)

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