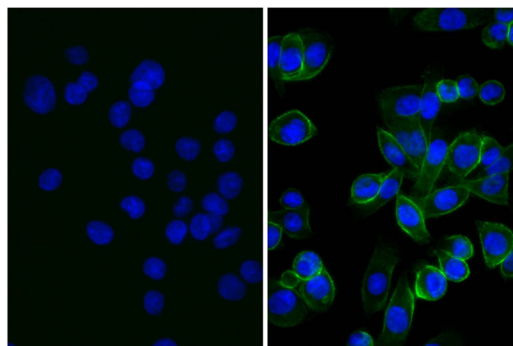


Rabbit Anti-Mouse IgG(H+L), Human ads

Cat. No.	Format	Size
6175-01	Purified (UNLB)	1.0 mg
6175-02	Fluorescein (FITC)	1.0 mg
6175-04	Alkaline Phosphatase (AP)	1.0 mL
6175-05	Horseradish Peroxidase (HRP)	1.0 mL
6175-08	Biotin (BIOT)	1.0 mg
6175-09	R-phycoerythrin (PE)	0.5 mg
6175-31	Alexa Fluor [®] 647 (AF647)	1.0 mg



Human pancreatic carcinoma cell line MIA PaCa-2 was stained with Mouse Anti-Human CD44-UNLB (SB Cat. No. 9400-01; right) followed by Rabbit Anti-Mouse IgG(H+L), Human ads-FITC (SB Cat. No. 6175-02) and DAPI.

Description

Specificity	Reacts with the heavy and light chains of mouse IgG and the light chains of mouse IgM and IgA
Source	Pooled antisera from rabbits hyperimmunized with mouse IgG
Cross Adsorption	Human 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 –

ELISA¹
FLISA
FC²

Other referenced applications include –

WB³⁻⁵
ICC⁶

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 conjugate	1:200 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC and BIOT conjugates	≤ 1 µg/10 ⁶ cells
	PE and AF647 conjugates	≤ 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.	

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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 in a stock solution of 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 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 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® 647 (AF647) conjugate is 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 SDS.

References

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3. Kaneko K, Miyabe Y, Takayasu A, Fukuda S, Miyabe C, Ebisawa M, et al. Chemerin activates fibroblast-like synoviocytes in patients with rheumatoid arthritis. Arthritis Res Ther. 2011;13:R158. (WB)
4. Gao W, Zhang C, Feng Y, Chen G, Wen S, Huangfu H, et al. Fascin-1, ezrin and paxillin contribute to the malignant progression and are predictors of clinical prognosis in laryngeal squamous cell carcinoma. PLoS One. 2012;7(11):e50710. (WB)
5. Zhao L, Chen J, Cheng L, Wang X, Du J, Wang F, et al. Effects of Enterococcus faecalis lipoteichoic acid on receptor activator of nuclear factor-κB ligand and osteoprotegerin expression in periodontal ligament fibroblasts. Int Endod J. 2014;47:163-72. (WB)
6. SouthernBiotech published data (ICC)

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