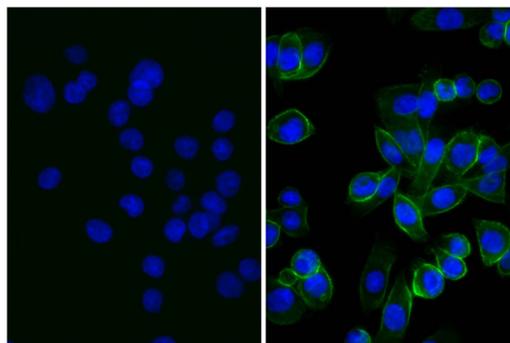


## Rabbit Anti-Mouse IgG(H+L), Human ads

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 <sup>®</sup> 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

<b>Specificity</b>	Reacts with the heavy and light chains of mouse IgG and the light chains of mouse IgM and IgA
<b>Source</b>	Pooled antisera from rabbits hyperimmunized with mouse IgG
<b>Cross Adsorption</b>	Human immunoglobulins and pooled sera; may react with immunoglobulins from other species
<b>Purification</b>	Affinity chromatography on mouse IgG covalently linked to agarose

### Applications

Quality tested applications include –

ELISA<sup>1</sup>  
FLISA  
FC<sup>2</sup>

Other referenced applications include –

WB<sup>3-5</sup>  
ICC<sup>6</sup>

### Working Dilutions

<b>ELISA</b>	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
<b>FLISA</b>	FITC conjugate	1:200 – 1:400
	PE and AF647 conjugates	≤ 1 µg/mL
<b>Flow Cytometry</b>	FITC and BIOT conjugates	≤ 1 µg/10 <sup>6</sup> cells
	PE and AF647 conjugates	≤ 0.1 µg/10 <sup>6</sup> cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 µL	
<b>Other Applications</b>	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

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- 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/NaN<sub>3</sub>. 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<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> 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/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor<sup>®</sup> 647 (AF647) conjugate is supplied as 1.0 mg in 1.0 mL of PBS/NaN<sub>3</sub>. 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

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

## References

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1. Stone CB. Structural and biochemical characterization of the chlamydia pneumoniae type III secretion system [thesis]. Hamilton (Canada): McMaster University; 2012. (ELISA)
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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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