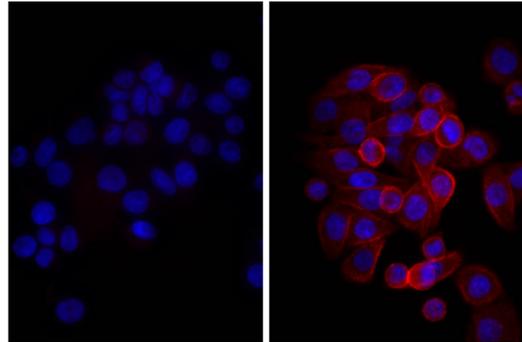




Donkey Anti-Mouse IgG(H+L), Human SP ads

Cat. No.	Format	Size
6410-01	Purified (UNLB)	1.0 mg
6410-02	Fluorescein (FITC)	1.0 mg
6410-04	Alkaline Phosphatase (AP)	1.0 mL
6410-05	Horseradish Peroxidase (HRP)	1.0 mL
6410-08	Biotin (BIOT)	1.0 mg
6410-09	R-phycoerythrin (PE)	0.5 mg
6410-15	Cyanine 5 (CY5)	1.0 mg
6410-30	Alexa Fluor® 488 (AF488)	1.0 mg
6410-31	Alexa Fluor® 647 (AF647)	1.0 mg
6410-32	Alexa Fluor® 555 (AF555)	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 Donkey Anti-Mouse IgG(H+L), Human SP ads-BIOT (SB Cat. No. 6410-08), Streptavidin-TRITC (SB Cat. No. 7100-03), 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 donkeys hyperimmunized with mouse IgG
Cross Adsorption	Human 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 –

ELISA ^{1,2}
FLISA

Other referenced applications include –

FC ⁵
IHC-FS ^{3,4}
ICC ⁶

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 and AF488 conjugates	1:200 – 1:400
	AF555 conjugate	1:100 – 1:200
	PE, CY5, and AF647 conjugates	≤ 1 µg/mL
Flow Cytometry	FITC conjugate	≤ 1 µg/10 ⁶
	PE conjugate	≤ 0.1 µg/10 ⁶
	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) and Cyanine 5 (CY5) conjugates are 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® 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 SDS.

References

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2. Parker MJ, Xue S, Alexander JJ, Wasserfall CH, Campbell-Thompson ML, Battaglia M, et al. Immune depletion with cellular mobilization imparts immunoregulation and reverses autoimmune diabetes in nonobese diabetic mice. *Diabetes.* 2009;58:2277-84. (ELISA)
3. Broekema M, Harmsen MC, van Luyn MJ, Koerts JA, Petersen AH, van Kooten TG, et al. Bone marrow-derived myofibroblasts contribute to the renal interstitial myofibroblast population and produce procollagen I after ischemia/reperfusion in rats. *J Am Soc Nephrol.* 2007;18:165-75. (IHC-FS)
4. Li Y, Qin X, Kuang F, Wu R, Duan X, Ju G, et al. Alterations of Fc gamma receptor I and Toll-like receptor 4 mediate the antiinflammatory actions of microglia and astrocytes after adrenaline-induced blood-brain barrier opening in rats. *J Neurosci Res.* 2008;86:3556-65. (IHC-FS)
5. SouthernBiotech unpublished data (FC)
6. SouthernBiotech published data (ICC)

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