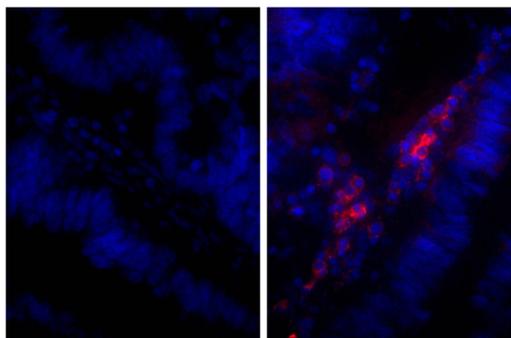


Rabbit Anti-Human IgG(H+L), Mouse ads

Cat. No.	Format	Size
6145-01	Purified (UNLB)	1.0 mg
6145-02	Fluorescein (FITC)	1.0 mg
6145-04	Alkaline Phosphatase (AP)	1.0 mL
6145-05	Horseradish Peroxidase (HRP)	1.0 mL
6145-08	Biotin (BIOT)	1.0 mg



Paraffin embedded human gastric cancer tissue was stained with Rabbit IgG-UNLB isotype control (SB Cat. No. 0111-01; left) and Rabbit Anti-Human IgG(H+L), Mouse ads-UNLB (SB Cat. No. 6145-01; right) followed by Donkey Anti-Rabbit IgG(H+L), Mouse/Rat/Human SP ads-AF555 (SB Cat. No. 6440-32) and DAPI.

Description

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

Applications

Quality tested applications include –

ELISA ¹⁻⁶

FLISA

Other referenced applications include –

IHC-FS ⁷

IHC-PS ⁸

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

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 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.
- 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

1. Ndubuisi MI, Patel K, Rayanade RJ, Mittelman A, May LT, Sehgal PB. Distinct classes of chaperoned IL-6 in human blood: differential immunological and biological availability. *J Immunol.* 1998;160:494-501. (ELISA)
2. Dessain SK, Adekar SP, Stevens JB, Carpenter KA, Skorski ML, Barnoski BL, et al. High efficiency creation of human monoclonal antibody-producing hybridomas. *J Immunol Methods.* 2004;291:109-22. (ELISA)
3. Adekar SP, Jones RM, Elias MD, Al-Saleem FH, Root MJ, Simpson LL, et al. Hybridoma populations enriched for affinity-matured human IgGs yield high-affinity antibodies specific for botulinum neurotoxins. *J Immunol Methods.* 2008;333:156-66. (ELISA)
4. Levites Y, O'Nuallain B, Puligedda RD, Ondrejcek T, Adekar SP, Chen C. A human monoclonal IgG that binds A β assemblies and diverse amyloids exhibits anti-amyloid activities in vitro and in vivo. *J Neurosci.* 2015;35:6265-76. (ELISA)
5. Ladjemi MZ, Lecocq M, Weynand B, Bowen H, Gould HJ, Van Snick J, et al. Increased IgA production by B-cells in COPD via lung epithelial interleukin-6 and TACI pathways. *Eur Respir J.* 2015;45:980-93. (ELISA)
6. Hirobe S, Azukizawa H, Hanafusa T, Matsuo K, Quan Y, Kamiyama F, et al. Clinical study and stability assessment of a novel transcutaneous influenza vaccination using a dissolving microneedle patch. *Biomaterials.* 2015;57:50-8. (ELISA)
7. Yu P, Wang Y, Chin RK, Martinez-Pomares L, Gordon S, Kosco-Vibois MH, et al. B cells control the migration of a subset of dendritic cells into B cell follicles via CXC chemokine ligand 13 in a lymphotoxin-dependent fashion. *J Immunol.* 2002;168:5117-23. (IHC-FS)
8. SouthernBiotech published data (IHC-PS)

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