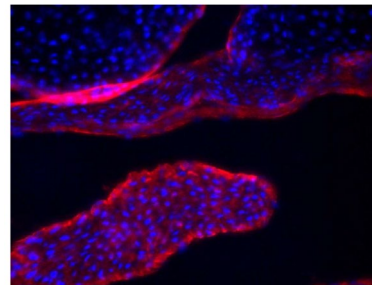




Mouse Anti-Goat IgG Fc

Cat. No.	Format	Size
6158-01	Purified (UNLB)	0.5 mg
6158-02	Fluorescein (FITC)	0.5 mg
6158-05	Horseradish Peroxidase (HRP)	1.0 mL
6158-08	Biotin (BIOT)	0.5 mg
6158-30	Alexa Fluor® 488 (AF488)	0.1 mg
6158-31	Alexa Fluor® 647 (AF647)	0.1 mg
6158-32	Alexa Fluor® 555 (AF555)	0.1 mg



Frozen newborn mouse cartilage section was stained with Goat Anti-Type V Collagen-UNLB (SB Cat. No. 1350-01) followed by Mouse Anti-Goat IgG Fc-AF555 (SB Cat. No. 6158-32) and DAPI.

Overview

Clone	SB115d
Isotype	Mouse (BALB/c) IgG _{2aκ}
Immunogen	Pooled goat IgG
Specificity	Goat IgG Fc Minimal reactivity to goat IgG Fab and sheep, rabbit, human, monkey, rat, hamster, canine, and swine IgG

Applications

ELISA – Quality tested ¹
 FLISA – Quality tested
 WB – Reported in literature ²
 IHC-FS ³

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC, AF488, and AF555 conjugates	1:200 – 1:400
	AF647 conjugate	≤ 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.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

Corporate Offices: 160 Oxmoor Blvd • Birmingham, AL 35209 • USA Mailing Address: P.O. Box 26221 • Birmingham, AL 35260 • USA

Tel: 205.945.1774 • U.S. and Canada: 800.722.2255 • Fax: 205.945.8768

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

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 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 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°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 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The Alexa Fluor[®] 488 (AF488), Alexa Fluor[®] 555 (AF555), and Alexa Fluor[®] 647 (AF647) conjugates are supplied as 0.1 mg in 0.2 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. Tang J, Sun X, Yang H, Zhang B, Li Z, Lin Z, et al. Well-oriented ZZ-PS-tag with high Fc-binding onto polystyrene surface for controlled immobilization of capture antibodies. *Anal Chim Acta.* 2013;776:74-8. (ELISA)
2. Mohapatra A, Van Dyken SJ, Schneider C, Nussbaum JC, Liang H, Locksley RM. Group 2 innate lymphoid cells utilize the IRF4-IL-9 module to coordinate epithelial cell maintenance of lung homeostasis. *Mucosal Immunol.* 2016;9:275-86. (WB)
3. SouthernBiotech published data (IHC-FS)

Alexa Fluor[®] 488, 647, and 555 are provided under an Intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer (a) this product (b) its components or (c) materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the product or its components in manufacturing; (2) use of the product or its components to provide a service, information, or data; (3) use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the product or its components, whether or not such product or its components are resold for use in research. For information on purchasing a license to this product for any other use, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com.

TB6158
27-Jan-21