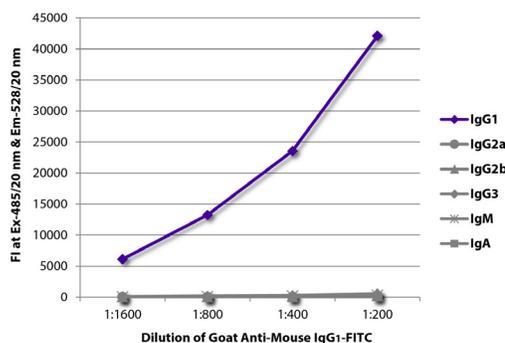




Goat Anti-Mouse IgG₁

Cat. No.	Format	Size
1071-01	Purified (UNLB)	1.0 mg
1071-02	Fluorescein (FITC)	1.0 mg
1071-04	Alkaline Phosphatase (AP)	1.0 mL
1071-05	Horseradish Peroxidase (HRP)	1.0 mL
1071-08	Biotin (BIOT)	1.0 mg
1071-30	Alexa Fluor [®] 488 (AF488)	1.0 mg
1071-31	Alexa Fluor [®] 647 (AF647)	1.0 mg
1071-32	Alexa Fluor [®] 555 (AF555)	1.0 mg



FLISA plate was coated with purified mouse IgG₁, IgG_{2a}, IgG_{2b}, IgG₃, IgM, and IgA. Immunoglobulins were detected with serially diluted Goat Anti-Mouse IgG₁-FITC (SB Cat. No. 1071-02).

Description

Specificity	Reacts with the heavy chain of mouse IgG ₁
Source	Pooled antisera from goats hyperimmunized with mouse IgG ₁
Cross Adsorption	Mouse IgG _{2a} , IgG _{2b} , IgG ₃ , IgM, and IgA; may react with immunoglobulins from other species
Purification	Affinity chromatography on mouse IgG ₁ covalently linked to agarose

Applications

Quality tested applications include –

ELISA
FLISA

Other referenced applications include –

ICC¹

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	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, AF488, and AF555 conjugates	1:100 – 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.

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 of stock solution in 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 of stock solution in 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 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 (M)SDS.

References

1. Mia MM, Bank RA. The IκB kinase inhibitor ACHP strongly attenuates TGFβ1-induced myofibroblast formation and collagen synthesis. *J Cell Mol Med.* 2015 Sep 4. doi: 10.1111/jcmm.12661. [Epub ahead of print]. (ICC)

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