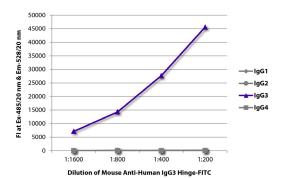
SouthernBiotech =



Mouse Anti-Human IgG₃ Hinge

Cat. No.	Format	Size
9210-01	Purified (UNLB)	0.5 mg
9210-02	Fluorescein (FITC)	0.5 mg
9210-04	Alkaline Phosphatase (AP)	1.0 mL
9210-05	Horseradish Peroxidase (HRP)	1.0 mL
9210-08	Biotin (BIOT)	0.5 mg
9210-09	R-phycoerythrin (PE)	0.1 mg
9210-30	Alexa Fluor® 488 (AF488)	0.1 mg
9210-31	Alexa Fluor® 647 (AF647)	0.1 mg
9210-32	Alexa Fluor [®] 555 (AF555)	0.1 mg



FLISA plate was coated with purified human IgG1, IgG2, IgG3, and IgG4. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG3 Hinge-FITC (SB Cat. No. 9210-02).

Overview

Clone HP6050

 $\begin{array}{lll} \textbf{Isotype} & \textbf{Mouse (BALB/c) IgG}_1\kappa \\ \textbf{Immunogen} & \textbf{Human IgG}_3 \ \text{myeloma protein} \\ \textbf{Specificity} & \textbf{Human IgG}_3 \ \textbf{Hinge; Mr} \ 170 \ \textbf{kDa} \\ \end{array}$

Applications

ELISA – Quality tested ^{2-10,14,16}

FLISA - Quality tested

ELISPOT - Reported in literature 10

FC – Reported in literature ^{17,18}

IHC-FS - Reported in literature 11,12

IHC-PS – Reported in literature ^{13,14}

WB - Reported in literature 15,16

IP - Reported in literature 1

Multiplex – Reported in literature ¹⁹⁻²¹

Purification – Reported in literature ³

SPR - Reported in literature 22

Working Dilutions

ELISA	Purified (UNLB) antibody	≤ 1 µg/mL
	AP conjugate	1:500 – 1:1,000
	HRP conjugate	1:4,000 — 1:10,000
	BIOT conjugate	1:5,000 – 1:10,000
FLISA	FITC, AF488, and AF555 conjugates	1:200 – 1:400
	PE and AF647 conjugates	≤ 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.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.5 mg of 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 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 0.5 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 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 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 (M)SDS.

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