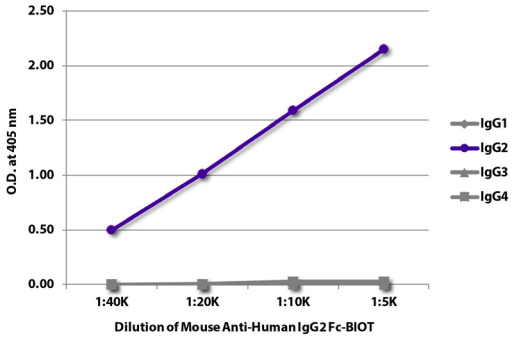
SouthernBiotech

Mouse Anti-Human IgG_2 Fc

Cat. No.	Format	Size
9070-01	Purified (UNLB)	0.5 mg
9070-02	Fluorescein (FITC)	0.5 mg
9070-04	Alkaline Phosphatase (AP)	1.0 mL
9070-08	Biotin (BIOT)	0.5 mg
9070-09	R-phycoerythrin (PE)	0.1 mg
9070-30	Alexa Fluor® 488 (AF488)	0.1 mg
9070-31	Alexa Fluor® 647 (AF647)	0.1 mg
9070-32	Alexa Fluor® 555 (AF555)	0.1 mg



ELISA plate was coated with purified human IgG_1, IgG_2, IgG_3, and IgG_4. Immunoglobulins were detected with serially diluted Mouse Anti-Human IgG_2 Fc-BIOT (SB Cat. No. 9070-08) followed by Streptavidin-HRP (SB Cat. No. 7100-05).

Overview

Clone	HP6002
Isotype	Mouse (BALB/c) $IgG_1\kappa$
Immunogen	Human IgG_2 myeloma protein
Specificity	Human IgG_2 Fc; Mr 146 kDa

Applications

ELISA – Quality tested [2-7]
FLISA – Quality tested
ELISPOT – Reported in literature [2,8]
FC – Reported in literature [13]
IHC-FS – Reported in literature [9,10]
WB – Reported in literature [9,11,12]
IP – Reported in literature [1]
Multiplex – Reported in literature [14,15]
Purification – Reported in literature [16]
SPR – Reported in literature [17]

Working Dilutions

ELISA	AP conjugate	1:500 – 1:1,000
	BIOT conjugate	1:5,000 – 1:20,000
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.	

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

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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/NaN_3. 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 $MgCl_2$/50% glycerol, pH 8.0, containing NaN_3 as preservative. 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/NaN_3. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN_3 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/NaN_3. 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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