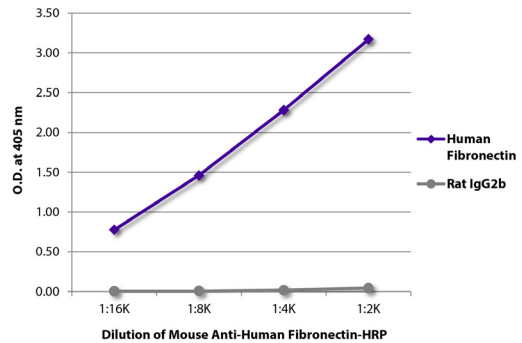




Mouse Anti-Human Fibronectin

Cat. No.	Format	Size
1470-01	Purified (UNLB)	0.1 mg
1470-02	Fluorescein (FITC)	0.1 mg
1470-04	Alkaline Phosphatase (AP)	1.0 mL
1470-05	Horseradish Peroxidase (HRP)	1.0 mL
1470-08	Biotin (BIOT)	0.1 mg



ELISA plate was coated with purified human fibronectin and rat IgG2b. Fibronectin and immunoglobulin were detected with serially diluted Mouse Anti-Human Fibronectin-HRP (SB Cat. No. 1470-05).

Overview

Clone	5G7
Isotype	Mouse (BALB/c) IgG ₁ κ
Immunogen	Human plasma fibronectin
Specificity	Human/Rat fibronectin
Alternate Name(s)	FN

Applications

ELISA – Quality tested ¹
 FLISA – Quality tested
 ICC – Reported in literature ²
 WB – Reported in literature ³

Working Dilutions

ELISA	AP conjugate	1:1,000 – 1:2,000
	HRP conjugate	1:1,000 – 1:4,000
	BIOT conjugate	1:5,000 – 1:10,000
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.

Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 0.2 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 0.1 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 0.1 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.

References

1. Tortelli F, Pisano M, Briquez PS, Martino MM, Hubbell JA. Fibronectin binding modulates CXCL11 activity and facilitates wound healing. PLoS One. 2013;8(10):e79610. (ELISA)
2. Shukla MN, Rose JL, Ray R, Lathrop KL, Ray A, Ray P. Hepatocyte growth factor inhibits epithelial to myofibroblast transition in lung cells via Smad7. Am J Respir Cell Mol Biol. 2009;40:643-53. (ICC, Rat Reactivity)
3. Brenner C, Bomans K, Habicht J, Simon MM, Wallich R. Mapping the ligand-binding region of Borrelia hermsii fibronectin-binding protein. PLoS One. 2013;8(5):e63437. (WB)