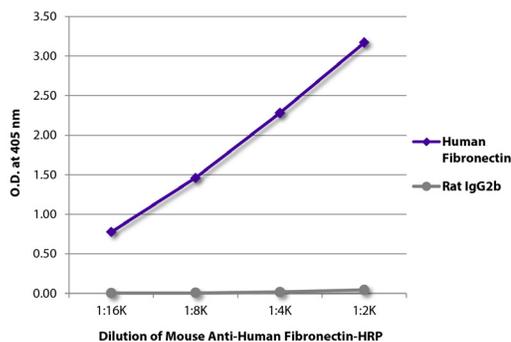




## Mouse Anti-Human Fibronectin

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

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

### Applications

ELISA – Quality tested <sup>1</sup>  
 FLISA – Quality tested  
 ICC – Reported in literature <sup>2</sup>  
 WB – Reported in literature <sup>3</sup>

### Working Dilutions

<b>ELISA</b>	AP conjugate	1:1,000 – 1:2,000
	HRP conjugate	1:1,000 – 1:4,000
	BIOT conjugate	1:5,000 – 1:10,000
<b>FLISA</b>	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.**

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## Handling and Storage

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- 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/NaN<sub>3</sub>. 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 MgCl<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> 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/NaN<sub>3</sub>. 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

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Some reagents contain sodium azide. Please refer to product specific (M)SDS.

## References

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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)