

## Fibronectin Polyclonal Antibody

<b>CATALOG #:</b>	3630-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Purified fibronectin from human plasma

### FORMULATION:

100 µg (0.5mg/ml) antigen affinity purified rabbit anti-Fibronectin polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 0.1% BSA and 0.02% thimerosal.

**SPECIES REACTIVITY:** Human

### STORAGE CONDITIONS:

Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

Fibronectin is a glycoprotein synthesized in the liver for the circulating blood plasma form, and is synthesized by many mesenchymal cells, for the extracellular matrix form. It is composed of two similar, but not identical protein chains, which are linked by two disulfide linkages at the C-terminal end of the chains. The chains are composed of domains which have specific secondary structures linked together by regions which are especially susceptible to proteolytic action. For this reason, detection by immunoblot (western) may show considerable variability in the observed apparent molecular weights, which is predicated on the source of the fibronectin, and to what degree proteolysis has occurred. Bands approximately 225 kDa should be observed after SDS-PAGE when reducing and denaturing conditions are used.

### APPLICATION:

The antibody can be used for Western blotting (0.5 – 2.0 µg/ml). From researcher's feedback, the antibody can also be used in immunohistochemistry (20-40 µg/ml). However, the optimal concentrations should be determined individually.

**FOR RESEARCH USE ONLY! Not to be used on humans.**

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