

Human Fibronectin Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 42040 (clone FN12-8)

Format: 400ug in 10mM PBS, pH 7.4, 1% BSA, lyophilized.

SPECIFICATION SUMMARY

Antigen: Human plasma fibronectin

Host Species: Mouse

Antibody subtype: IgG1

Accession no.: P02751, NP_001293058

Specificity: This antibody recognizes an epitope in the cell-binding domain of human and bovine fibronectin and can inhibit cell adhesion.

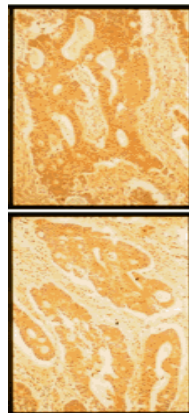
APPLICATIONS

ELISA: 1-10ug/ml with immobilized antigen.

Western Blot: 1-10ug/ml, reducing or non-reducing conditions.

Cell Adhesion Inhibition Assay: 0.1-1.0ug/ml on 10ug/ml fibronectin-coated microwells inhibits adhesion of trypsinized NRK cells.

Immunohistochemistry: 1-10ug/ml, paraffin-embedded or frozen tissue sections with Proteinase K treatment for antigen retrieval.



Staining of fibronectin (FN) in human well-differentiated colon cancer tissue (bottom) and moderately-differentiated colon cancer (top) with #42040.

These are recommended concentrations. Endusers should determine optimal concentrations for their applications.

DILUTION INSTRUCTIONS

Dissolve lyophilized antibody in 200ul of distilled water (final concentration 2.0mg/ml).

STORAGE AND STABILITY

The stock solution (2.0mg/ml) can be stored in aliquots at -20°C for 1 year or can be stored at 4°C for 6 months after adding 0.1% sodium azide. Prepare dilutions of stock solution immediately before use. Do not store diluted stock solution. Avoid repeated freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.