

## Product datasheet for **AM32096PU-N**

### Fibronectin (FN1) (cFn) Mouse Monoclonal Antibody [Clone ID: DH1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	DH1
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>Western blotting.</b> <b>Immunohistochemistry on Frozen Sections.</b> <b>Other Immunoassays for cellular and tumor biology.</b>
Reactivity:	Chicken, Guinea Pig, Human, Rabbit, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Fibronectin from A8387 fibrosarcoma cells (ref. 21). Hybridoma produced by fusion between myeloma cells and Balb/c spleen cells.
Specificity:	The antibody is specific to extradomain A (EDA) sequence of a Cellular Fibronectin and recognizes thus only the Cellular Fibronectin (cFN). Clone <i>DH1</i> has been shown to specifically block Chondrocyte condensation in Chicken embryos (ref. 5).
Formulation:	PBS State: Ig Fraction State: Liquid Ig fraction Stabilizer: 1.0% (w/v) BSA Preservative: 0.09% (w/v) Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	fibronectin 1
Database Link:	<a href="#">Entrez Gene 2335 Human P02751</a>



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**Background:**

Fibronectins are diverse high molecular weight cell adhesion glycoproteins found in basement membranes, in the interstitial connective tissue matrix, and in soluble in plasma and other body fluids. In adult tissues most fibronectin is produced by hepatocytes (pFn) that differ from locally produced cellular fibronectins.

A monoclonal antibody (AM32091PU-N Clone *BF12*) has been produced to fibronectin that reacts with both the cellular and plasma forms of the protein and recognizes the cell-binding region in fibronectin. The monoclonal antibody DH1 recognizes only cellular form of Fibronectin. *DH1* is specific to the extra domain A (EDA) of the molecule. cFns are found in some basement membranes during development and only in distinct tissues in adult, for instance in smooth muscle and alveolar walls of airways. cFns are abundant in the plasma of carcinoma patients and in the stroma of various carcinomas.

**Synonyms:**

FN1, Cold-insoluble globulin, CIG