

## Product datasheet for **AM08028AP-N**

### Fibronectin (FN1) Mouse Monoclonal Antibody [Clone ID: 5G7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	5G7
Applications:	ELISA
Recommended Dilution:	<b>ELISA:</b> 1/500-1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody reacts with Fibronectin.
Formulation:	50 mM Tris/1 mM MgCl <sub>2</sub> /50% Glycerol, pH 8.0 containing 0.09% Sodium Azide as preservative. Label: AP State: Liquid purified Ig fraction. Label: Alkaline Phosphatase
Conjugation:	AP
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	fibronectin 1
Database Link:	<a href="#">Entrez Gene 2335 Human P02751</a>
Background:	Collagen IV is a major constituent of the basement membranes along with laminins, proteoglycans and enactins. It is a multimeric protein composed of 3 alpha subunits. These subunits are encoded by 6 different genes, alpha 1 through alpha 6, each of which can form a triple helix structure with 2 other subunits to form type IV collagen. It can form insoluble fibers with high tensile strength. Collagen IV is useful in detecting the loss of parts of basement membranes in carcinomas.
Synonyms:	FN1, Cold-insoluble globulin, CIG

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