

## Product datasheet for **AM32977BT-N**

### Ficolin 2 (FCN2) Mouse Monoclonal Antibody [Clone ID: GN4]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	GN4
Applications:	ELISA, IP
Recommended Dilution:	<b>Immuno Assays.</b> <b>Immunoprecipitation.</b> For <b>Western blot</b> of Non-Reduced samples we advise to use AM32978PU-N (Clone GN5).
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	L-Ficolin/P35 isolated from Human plasma
Specificity:	The monoclonal antibody GN4 recognizes L-Ficolin/P35.
Formulation:	PBS Label: Biotin State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% BSA
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Gene Name:	ficolin 2
Database Link:	<a href="#">Entrez Gene 2220 Human Q15485</a>



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**Background:**

Ficolins are a group of proteins containing both a collagen-like domain and a fibrinogen-like domain. They are found in various tissues. The domain organizations between ficolins and mannose binding lectin (MBL) are similar, although the carbohydrate-binding moieties are different. In man two types of ficolins (L-ficolin/ P35 and H-ficolin) are present in serum and one type (M-ficolin) in cells. L-ficolin/P35 (also L-ficolin, ficolin L, EBP-37 or hucolin) is produced primarily by the liver. The association between L-ficolin/P35 and MASPs/sMAP is Ca<sup>2+</sup>-dependent. MASPs in L-ficolin/P35-MASP complexes have proteolytic activities for C4, C2 and C3. L-ficolin/P35 also shows opsonic activity.

**Synonyms:**

FCN2, FCNL, Ficolin2, Ficolin-B, Ficolin-beta, L-ficolin, Serum lectin p35, 37 kDa elastin-binding protein, EBP-37, Hucolin