

Datasheet for ABIN2191965

**anti-Ficolin 2 antibody**[Go to Product page](#)**1** Image**2** Publications

## Overview

Quantity:	100 µg
Target:	Ficolin 2 (FCN2)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Ficolin 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunoassay (IA)

## Product Details

Clone:	GN4
Isotype:	IgG1
Cross-Reactivity (Details):	Cross reactivity: Rat : Yes
Sterility:	0.2 µm filtered

## Target Details

Target:	Ficolin 2 (FCN2)
Alternative Name:	Ficolin-2 ( <a href="#">FCN2 Products</a> )
Background:	The monoclonal antibody GN4 recognizes human Ficolin-2, also known as L-ficolin. Ficolins are a family of pattern recognition molecules containing both a collagen-like domain and a fibrinogen-like domain that are capable of activating the complement system, through

## Target Details

association with MASPs, on the surface of microorganisms. In human, three Ficolins are known: Ficolin-1 (M-ficolin), Ficolin-2 (L-ficolin), and Ficolin-3 (H-ficolin). Ficolin-1, is mainly expressed by monocytes, granulocytes and lung cells and is present locally in areas of inflammation. Ficolin-2 (also L-ficolin, ficolin L, EBP-37 or hucolin) is produced primarily by the liver. The association between Ficolin-2 and MASPs/sMAP is Ca<sup>2+</sup>-dependent. MASPs in Ficolin-2 - MASP complexes have proteolytic activities for C4, C2 and C3. Ficolin-2 also shows opsonic activity. Aliases Ficolin-2/P35, L-ficolin, ficolin L, EBP-37 or hucolin

Pathways: [Complement System](#)

## Application Details

Application Notes: For immunohistochemistry, immunoprecipitation and immuno assays, dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.

Restrictions: For Research Use only

## Handling

Buffer: PBS, containing 0.1 % bovine serum albumin and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

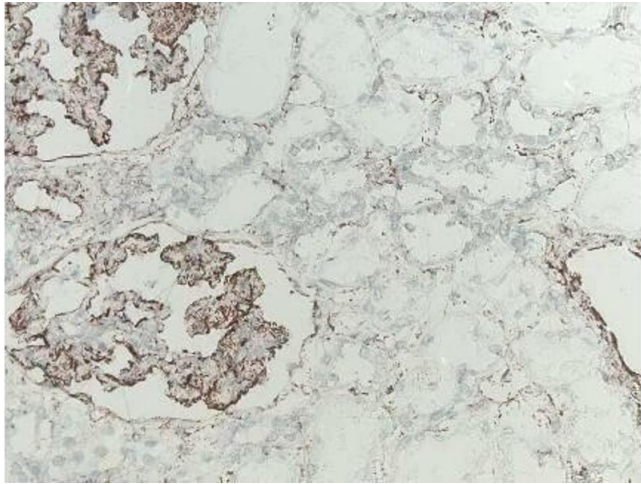
Storage: 4 °C

Storage Comment: Product should be stored at 4 °C. Under recommended storage conditions, product is stable for at least one year. The exact expiry date is indicated on the label.

## Publications

Product cited in: Feucht, Schneeberger, Hillebrand, Burkhardt, Weiss, Riethmüller, Land, Albert: "Capillary deposition of C4d complement fragment and early renal graft loss." in: **Kidney international**, Vol. 43, Issue 6, pp. 1333-8, (1993) ([PubMed](#)).

Zwirner, Felber, Herzog, Riethmüller, Feucht: "Classical pathway of complement activation in normal and diseased human glomeruli." in: **Kidney international**, Vol. 36, Issue 6, pp. 1069-77, (1990) ([PubMed](#)).



#### Immunohistochemistry

**Image 1.** Immunohistochemical analysis of Ficolin-2 in frozen rat kidney tissue using mAb GN4