

**MONOCLONAL ANTIBODY TO  
HUMAN L-FICOLIN/P35  
clone GN4**



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<b>Catalog nr</b>	HM2090 (lot number and expiry date are indicated on the label)								
<b>Description</b>	<p>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.</p> <p>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.</p>								
<b>Species</b>	Mouse IgG <sub>1</sub>								
<b>Formulation</b>	1 ml (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine Serum albumin.								
<b>Application</b>	The antibody can be used for immuno precipitation and in immuno assays as coating antibody. For Western blotting of non-reduced samples we advise to use HM2091 (clone GN 5).								
<b>Storage and stability</b>	Product should be stored at 4°C. Under recommended storage conditions, product is stable for one year.								
<b>Precautions</b>	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and Federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result with the use of or derivation of this product.								
<b>References</b>	<ol style="list-style-type: none"><li>1. Matsushita, M et al; Activation of the lectin complement pathway by ficolins. <i>Int Immunopharmacol</i> 2001, 1: 359</li><li>2. Matsushita, M et al; Activation of the lectin complement pathway by H-ficolin (Hakata antigen). <i>J of Immunol</i> 2002, 168: 3502</li><li>3. Matsushita, M et al; The role of ficolins in innate immunity. <i>Immunobiol</i> 2002, 205: 490</li></ol>								
<b>Also available</b>	<table><tr><td>HM2061</td><td>Monoclonal antibody against Human MBL, clone 3E7</td></tr><tr><td>HM2081</td><td>Monoclonal antibody against Human MBL, clone D8.18</td></tr><tr><td>HM2089</td><td>Monoclonal antibody against Human H-ficolin, clone 4H5</td></tr><tr><td>HM2091</td><td>Monoclonal antibody against Human L-ficolin/P35, clone GN5</td></tr></table>	HM2061	Monoclonal antibody against Human MBL, clone 3E7	HM2081	Monoclonal antibody against Human MBL, clone D8.18	HM2089	Monoclonal antibody against Human H-ficolin, clone 4H5	HM2091	Monoclonal antibody against Human L-ficolin/P35, clone GN5
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