

## Anti-FCN1 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to FCN1
<b>Model</b>	STJ192065
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Gene ID</b>	<a href="#">2219</a>
<b>Gene Symbol</b>	<a href="#">FCN1</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	FCN1 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Peripheral blood leukocytes, monocytes and granulocytes. Also detected in spleen, lung, and thymus, may be due to the presence of tissue macrophages or trapped blood in these tissues. Not detected on lymphocytes.
<b>Purification</b>	FCN1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Ficolin-1 Collagen/fibrinogen domain-containing protein 1 Ficolin-A Ficolin-alpha M-ficolin
<b>Molecular Weight</b>	35 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated

<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:3623OMIM:601252</a>
<b>Alternative Names</b>	Ficolin-1 Collagen/fibrinogen domain-containing protein 1 Ficolin-A Ficolin-alpha M-ficolin
<b>Function</b>	Extracellular lectin functioning as a pattern-recognition receptor in innate immunity. Binds the sugar moieties of pathogen-associated molecular patterns (PAMPs) displayed on microbes and activates the lectin pathway of the complement system. May also activate monocytes through a G protein-coupled receptor, FFAR2, inducing the secretion of interleukin-8/IL-8 . Binds preferentially to 9-O-acetylated 2-6-linked sialic acid derivatives and to various glycans containing sialic acid engaged in a 2-3 linkage.
<b>Sequence and Domain Family</b>	The fibrinogen C-terminal domain mediates calcium-dependent binding to carbohydrates and tethering to the cell surface in monocytes and granulocytes. The domain undergoes a conformational switch at pH under 6.2, and loses its carbohydrate-binding ability.
<b>Cellular Localization</b>	Secreted Cell membrane. Found on the monocyte and granulocyte surface .

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