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530-758-4400

PRODUCT DATASHEET

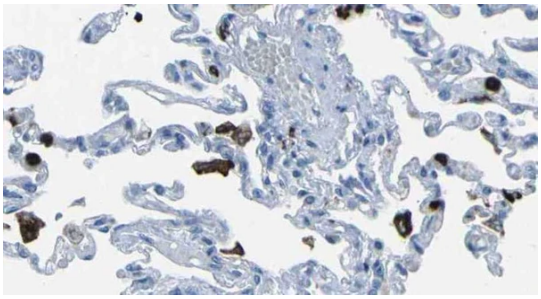
Anti-M-Ficolin Antibody

Product Details

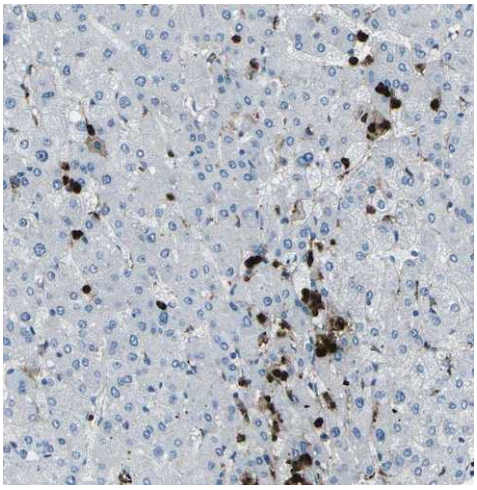
Available Variants	100 uL (SKU:ABS 036-01-010) 400 uL (SKU:ABS 036-01-04) 1000 uL (SKU:ABS 036-01-1)
Conjugate	Unconjugated
Isotype	IgG1/k
Clone	1
Gene Name	FCN1
Host Species	Mouse
Concentration	1 mg/mL ±15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA, IHC
Species Reactivity	Human
Immunogen	Recombinant human M-Ficolin (aa 95 to 314)
Specificity	ABS 036-01 reacts with M-Ficolin.
Molecular Weight	35 kDa
Storage	2-8°C without exposure to light
UniProt ID	O00602 UniProt Summary: Extracellular lectin, which acts as a pattern recognition receptor that initiates the lectin pathway of the complement system, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed:16116205, PubMed:17897951, PubMed:20032467). Specifically recognizes and binds

	carbohydrates on the pathogen surface, activating the MASP1 serine protease and initiating the proteolytic cascade of the lectin complement pathway (PubMed:16116205, PubMed:20032467). 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 (PubMed:20032467, PubMed:20400674). May also activate monocytes through a G protein-coupled receptor, FFAR2, inducing the secretion of interleukin-8/IL-8 (PubMed:21037097). {ECO:0000269|PubMed:16116205, ECO:0000269|PubMed:17897951, ECO:0000269|PubMed:20032467, ECO:0000269|PubMed:20400674, ECO:0000269|PubMed:21037097}.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	2219

Product Images



Immunohistochemistry detection of M-Ficolin in human lung tissue using Anti-M-Ficolin Antibody (Cat.ABS 036-01-010). Tissue was mounted and pariffin fixed. Heat induced antigen retrieval was performed using citrate buffer, heated, and then blocked. After washing, the primary antibody (Cat.ABS 036-01-010) was incubated with the sample.



Immunohistochemistry detection of M-Ficolin in human lung tissue using Anti-M-Ficolin Antibody (Cat.ABS 036-01-010). Tissue was mounted and pariffin fixed. Heat induced antigen retrieval was performed using citrate buffer, heated, and then blocked. After washing, the primary antibody (Cat.ABS 036-01-010) was incubated with the sample.



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