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PRODUCT DATASHEET

Anti-L-Ficolin Antibody

Product Details

Available Variants	100 uL (SKU:ABS 005-19-010) 400 uL (SKU:ABS 005-19-04) 1000 uL (SKU:ABS 005-19-1)
Conjugate	Unconjugated
Isotype	IgG2a/k
Clone	19
Gene Name	FCN2
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, IP, WB
Species Reactivity	Human
Immunogen	Purified procaryot expressed recombinant human L-Ficolin and full-length L-Ficolin (Ficolin-2) protein.
Specificity	ABS 005-19 reacts specifically with L-Ficolin. No cross reactivity is seen with M-Ficolin (Ficolin-1) and H-Ficolin (Ficolin-3).
Molecular Weight	35 kDa
Storage	2-8°C without exposure to light
UniProt ID	Q15485 UniProt Summary: Calcium-dependent 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:10679061, PubMed:14707097, PubMed:15804047, PubMed:17215869, PubMed:25344472, PubMed:8576206). 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:14707097). Specifically binds N-Acetylglucosamine (GlcNAc), as well as phosphocholine and lipoteichoic acid moieties on the surface of pathogens (PubMed:14707097, PubMed:17215869, PubMed:25344472, PubMed:8576206). Enhances phagocytosis of S.typhimurium by neutrophils, suggesting an opsonic effect (PubMed:8576206). {ECO:0000269|PubMed:10679061, ECO:0000269|PubMed:14707097, ECO:0000269|PubMed:15804047, ECO:0000269|PubMed:17215869, ECO:0000269|PubMed:25344472, ECO:0000269|PubMed:8576206}.
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	2220

Product Images



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