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PRODUCT DATASHEET

Anti-H-Ficolin Antibody

Product Details

Available Variants	100 uL (SKU:RIG 334-01-010) 400 uL (SKU:RIG 334-01-04) 1000 uL (SKU:RIG 334-01-1)
Conjugate	Unconjugated
Isotype	IgG1/k
Clone	FCN334
Gene Name	FCN3
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
Species Reactivity	Human
Immunogen	Recombinant human H-ficolin
Specificity	RIG 334-01 reacts specifically with H-ficolin. No cross-reaction has been observed with L- or M-ficolin.
Storage	2-8°C without exposure to light
UniProt ID	O75636 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:11907111, PubMed:15804047, PubMed:17215869, PubMed:26133042). 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:15804047, PubMed:17215869, PubMed:26133042). Specifically binds N-Acetylglucosamine (GlcNAc,) GalNAc (N-acetylgalactosamine) and D-fucose on the surface of pathogens, as well as mono/oligosaccharide and lipopolysaccharides from S.typhimurium and S.minnesota (PubMed:17215869). {ECO:0000269|PubMed:11907111, ECO:0000269|PubMed:15804047, ECO:0000269|PubMed:17215869, ECO:0000269|PubMed:26133042}.
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	8547

Product Images



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