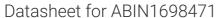
antibodies -online.com





anti-Ficolin 2 antibody (AA 231-313) (Alexa Fluor 647)



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Quantity:	100 μL
Target:	Ficolin 2 (FCN2)
Binding Specificity:	AA 231-313
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ficolin 2 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Ficolin 2/Ficolin B	
Isotype:	IgG	
Cross-Reactivity:	Human	
Predicted Reactivity:	Mouse,Rat	
Purification:	Purified by Protein A.	

Target Details

Target:	Ficolin 2 (FCN2)
Alternative Name:	Ficolin 2/Ficolin B (FCN2 Products)

Target Details

Bac	kar	ound:

Synonyms: 37 kDa elastin-binding protein, Collagen/fibrinogen domain containing protein 2, Collagen/fibrinogen domain-containing protein 2, EBP 37, EBP-37, EBP37, FCN 2, Fcn2, FCN2_HUMAN, FCNL, Ficolin collagen/fibrinogen domain containing lectin 2 hucolin, Ficolin B, Ficolin beta, Ficolin-2, Ficolin-B, Ficolin-beta, Ficolin2, Hucolin, L ficolin, L-ficolin, OTTHUMP00000022518, P35, RP11 263F14.2, Serum lectin p35.

Background: Ficolin B is the designation in mouse and rat of a protein also known as L-ficolin, ficolin-2, collagen/fibrinogen domain-containing protein 2, serum lectin p35, EBP-37 or hucolin. Ficolin B is a 313 amino acid member of the ficolin lectin family. It is a secreted innate immunity pattern recognition molecule expressed in liver and plasma that forms a disulfide-linked homopolymer. This extensive N-terminal disulfide bridge formation can lead to a functional dodecamer polypeptide. Ficolin B binds to DNA ligands expressed by late apoptotic and necrotic cells to increase attachment and engulfment. Variation in ficolin B concentrations amongst individuals is associated with polymorphisms in the promoter and structural portion of the FCN2 gene. In patients with Beht's disease (BD), there exists a significant difference in allele frequency for FCN2 gene single nucleotide polymorphisms (SNPs) within the -557 and -64 promoter sites within HLA-B51 positive and HLA-B51 negative subgroups.

Gene ID:	2220
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Pathways:

Complement System

Application Details

Λn	plication	Motoo:
Αb	ulication	110162.

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months