

[Go to Product page](#)

Datasheet for ABIN1698471

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

Overview

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

Background:	<p>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.</p> <p>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 Behr'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.</p>
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Gene ID:	2220
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Pathways:	Complement System
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

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