

Anti-Ficolin 2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat)
Molecular Weight:	Theoretical: 31 kDa. Actual: 31 kDa.
Purification:	Protein A purified

Applications

Sample:	Liver (Mouse) Lysate at 40 µg HepG2 (human) Lysate at 40 µg
Verified Activity:	Primary: Anti-Ficolin 2 (TMAB-06029) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 31 kD Observed band size: 31 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Ficolin 2/Ficolin B
Antigen Species:	Human
Gene ID:	2220
Uniprot ID:	Q15485

Research 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 Behçet'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.

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