

Anti-C5b-9 Polyclonal Antibody

Product Details

Ig Type: IgG
Reactivity: Human,Rat (predicted:Mouse)
Molecular Weight: Actual: 72 kDa.
Purification: Protein A purified

Applications

1. Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (C5b-9) Polyclonal Antibody, Unconjugated (TMAB-00264) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.

Verified Activity:

2. Sample:

Lane 1: A549 (Human) Cell Lysate at 30 µg

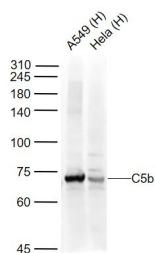
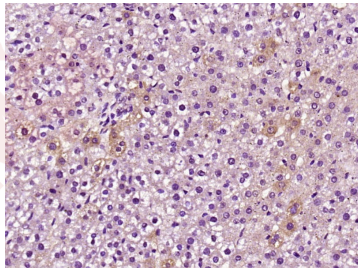
Lane 2: Hela (Human) Cell Lysate at 30 µg

Primary: Anti-C5b (TMAB-00264) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 72 kDa

Observed band size: 72 kDa



Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

A DRUG SCREENING EXPERT

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Purified Human SC5b-9 Complex

Antigen Species: Human

Gene ID: 727

Uniprot ID: P01031

Synonyms: C6;Complement component 8;C8;Terminal complement complex;Complement component 6;C5;Membrane attack complex;C7;MAC;Complement component 9;C9;Complement component 7;TCC;Complement component 5

Biology Area: Oxidative Stress,Alternative Pathway,Classical Pathway,MAC,Macrophage / Inflamm.,Oxidative stress,GPCR

Research Background

Activation of the complement system plays a key role in normal inflammatory response to injury but may cause substantial injury when activated inappropriately. The complement system is activated either through the classical (antibody induced) or the alternative (microbial surface, polysaccharide induced) pathway, both leading to the formation of the C5b9 complex. Fluid phase binding of the multifunctional glycoprotein 5 protein (vitronectin) to C5b9 leads to the formation of a cytolytically inactive complex, SC5b9, which is unable to attach to cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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