

Product Datasheet

CD46 Antibody



Catalog No: CY5115

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC ICC

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Information

UniProt ID: P15529

All Names: MCP; MGC26544; MIC10; TLX; TRA2.10;CD46;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 44 kDa

Application

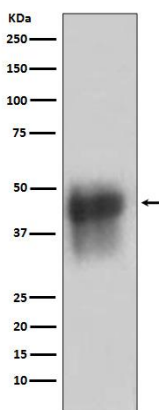
WB: 1:500~1:2000

IHC: 1:50~1:200

ICC: 1:50~1:200

Background

CD46 is a type I membrane protein and a regulatory part of the complement system. This protein has cofactor activity for inactivation of complement components C3b and C4b by serum factor I, which protects the host cell from damage by complement. In addition, CD46 can act as a receptor for the Edmonston strain of measles virus, human herpesvirus-6, and type IV pili of pathogenic *Neisseria*. Finally, this protein may be involved in the fusion of the spermatozoa with the oocyte during fertilization. CD46 is found in a cluster on chromosome 1q32 with other proteins that are structural components of the complement system.



Western blot analysis of CD46 in K562 cell lysate.

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