

## C8B

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 67kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human C8B

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

C82;

**Catalog #:** A8324

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 732

**Isotype:** IgG

**Swiss Prot:** P07358

**Purity:** Affinity purification

For research use only.

**Background:**

This gene encodes one of the three subunits of the complement component 8 (C8) protein. C8 is composed of equimolar amounts of alpha, beta and gamma subunits, which are encoded by three separate genes. C8 is one component of the membrane attack complex, which mediates cell lysis, and it initiates membrane penetration of the complex. This protein mediates the interaction of C8 with the C5b-7 membrane attack complex precursor. In humans deficiency of this protein is associated with increased risk of meningococcal infections. Alternative splicing results in multiple transcript variants.

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