

**DESCRIPTION**

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human Complement Component C1rLP in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 10% cross-reactivity with recombinant mouse C1rLP is observed and less than 5% cross-reactivity with recombinant human (rh) C1R, rhC1S, and rhMASP-3 is observed.
<b>Source</b>	Polyclonal Goat IgG
<b>Purification</b>	Antigen Affinity-purified
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human Complement Component C1rLP Ser41-Asn487 Accession # AAI56781
<b>Conjugate</b>	Alexa Fluor Plus 594 Excitation Wavelength: 590 nm Emission Wavelength: 618 nm
<b>Formulation</b>	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

<b>Western Blot</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Immunoprecipitation</b>	Optimal dilution of this antibody should be experimentally determined.

**DATA**

**PREPARATION AND STORAGE**

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

**BACKGROUND**

C1rLP, also known as CLSPa, is a plasma serine protease that is related to the C1r complement component. C1rLP is a 487 amino acid protein that contains one CUB domain and a serine protease domain. C1rLP activates pro-C1s and pro-haptoglobin but also inhibits complement-mediated cytotoxicity. Human and mouse C1rLP share 73% aa sequence identity.

**PRODUCT SPECIFIC NOTICES**

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