

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Complement Component C1rLP in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) C1r, rhC1s, rhHaptoglobin, or rhMASP3 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 393608
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Complement Component C1rLP Ser41-Asn487 Accession # AAI56781
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% 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.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

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

BACKGROUND

Complement Component 1, r subcomponent-like protein (C1rLP) is a serine protease that is mainly expressed in the liver and has structural similarity to C1r, a component of the classical complement activation pathway. C1rLP activates pro-C1s and pro-haptoglobin. The amino acid sequence of human C1rLP is 99% and 75% identical to that of chimpanzee and dog/mouse/rat, respectively.

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