

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Complement Factor B in direct ELISAs and Western blots. Does not cross-react with recombinant human (rh) Factor D or rhFactor I.
Source	Monoclonal Mouse IgG _{2B} Clone # 313011
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Complement Factor B Thr26-Leu764 Accession # P00751
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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 Factor B, also known as C3/C5 convertase, is a serine protease of the alternative pathway of the complement system. The amino acid sequence of human Complement Factor B is 85% identical to that of rat and mouse.

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