

DESCRIPTION

Species Reactivity	Human/Rat
Specificity	Detects human and rat IκB-β in direct ELISAs and Western blots. In Western blots, no cross-reactivity with recombinant human (rh) IκB-α or rhIκB-ε is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 347428
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human IκB-β Ala2-Val356 Accession # Q15653
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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.

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

NFκB inhibitor beta (IκB-β) inhibits the NFκB complex by binding and sequestering it in the cytoplasm. Upon stimulation, IκB-β is phosphorylated on serine residues marking it for degradation by the ubiquitin pathway. Following IκB-β degradation, the NFκB complex is able to translocate to the nucleus and activate transcription.

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