

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IκB-ε in direct ELISAs. In direct ELISAs, approximately 40% cross-reactivity with recombinant mouse IκB-ε is observed and less than 1% cross-reactivity with recombinant human IκB-β is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human IκB-ε Ser141-Asp500 Accession # O00221
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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.

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

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