

Certificate of Analysis

Product: anti-I κ B α C-terminal Specific [Rabbit]

Code: 100-4167C

Lot # 11189

Size: 100 μ l

Physical State: Liquid (sterile filtered)

Protein Concentration: 90.0 mg/ml (by Refractometry)

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: None

Preservative: 0.1% (w/v) Sodium Azide

Application(s): Suitable for immunoprecipitation, immunoblotting and ELISA.

Recommended Dilution(s): This product was assayed by immunoblot and found to be reactive against I κ B α showing a 36 kDa band. Perform all incubations except color development using TBS supplemented with 0.1% Tween-20 at room temperature. Block the membrane with 5% dry milk for 2 h. Add a 1:1,000 dilution of the primary antibody to the membrane and incubated for 2 h. Perform washes with buffer 4 times for 5' each. Incubate the immunoblot with Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat) code #611-1302 diluted 1:2,000 for 1 h. Wash with TBS only preceded color development. Anti-I κ B α is suitable for the detection by immunoblot of human, mouse and rat I κ B α . Optimal titers for other applications should be determined by the researcher.

Storage Conditions: Store vial at -20° C or below prior to opening. Dilute only prior to immediate use. Aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is six (6) months from date of opening product.

Purity: This product was prepared from monospecific antiserum by delipidation and defibrination. Anti- I κ B α may react non-specifically with other proteins. Control peptide (code #100-4167p) will compete only with the specific reaction of antiserum with I κ B α .

Immunogen: I κ B α peptide corresponding to a region near the C-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).

General Reference:

Hoffmann, A. et al. (2002) The I κ B-NF κ B Signaling Module: Temporal Control and Selective Gene Activation. *Science* **298**:8; pp 1241-1245.

Note: This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 326, Gilbertsville, Pennsylvania, USA.