

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: K59100R **Lot #:** 2L3578

Description: Rabbit anti NF-Y
Rabbit Antibody to NF-Y (A subunit specific)

Specificity: Recognizes the A subunit of human and mouse NF-Y. No reaction was observed against the B subunit of NF-Y. A single precipitin arc was observed against anti-Rabbit serum when assayed by immunoelectrophoresis.

Host Animal: Rabbit

Immunogen: NF-Y (A subunit) peptide corresponding to a region near the N-terminus of the Human protein conjugated to KLH.

Format: Purified, Liquid

Purification: Delipidation, salt fractionation and ion exchange chromatography. Product is sterile filtered.

Concentration: 1mg/ml (OD280nm)

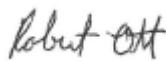
Buffer: 0.02M Sodium Phosphate, 0.15M Sodium Chloride, pH 7.2

Preservative: 0.01% (w/v) Sodium Azide

Applications: Suitable for use in Immunoelectrophoresis. Assayed by immunoblot and found to be reactive against the differentially spliced 35 and 40 kDa forms of the A subunit of human and mouse NF-Y at a dilution of 1:1000 followed by reaction with Peroxidase conjugated Affinity Purified Goat anti-Rabbit IgG [H&L]. No reaction was observed by immunoblot against the 25 kDa B subunit of NF-Y. Also tested in a gel supershift assay and found to be reactive against human and mouse NF-Y using 2.0ul per assay. This product was assayed against NF-Y A subunit peptide in an antibody capture ELISA using Peroxidase conjugated Affinity Purified Goat anti-Rabbit IgG [H&L] and ABTS substrate. A dilution of 1:10,000 is suggested from this experiment. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at -20°C or below prior to opening. Dilute only prior to immediate use. For extended storage, aliquot and store at -20°C or below. Avoid multiple freeze/thaw cycles. Expiration date is six (6) months from date of opening product.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.



Signature

27 September 2013

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY