

Product datasheet for R1019

RFX5 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, EMSA, IP, WB
Recommended Dilution:	Western blotting: 1/250. Immunoprecipitation. ELISA. Electrophoretic Mobility Shift Assay: using 0.5 to 1.0 µl per assay. <u>Recommended Dilutions:</u> This product was assayed by immunoblot and found to be reactive against RFX5 (C-terminal specific) from a variety of fibroblast and B-cell lysates at a dilution of 1:250 to 1:500 followed by reaction with Peroxidase conjugated Affinity Purified anti-Rabbit IgG [H&L] (Goat). Anti-RFX5 (C-terminal specific) is suitable for the detection by immunoblot of human RFX5 a shows a 75 kDa band. This product was also tested in a gel supershift assay and found to be reactive against RFX5 complexes using 0.5 to 1.0 µl per assay.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	RFX5 (C-terminal specific) peptide corresponding to a region near the N-terminus of the human protein conjugated to Keyhole Limpet Hemocyanin (KLH).
Specificity:	Western blot of RFX5 shows a 75 kDa band. A minor band at 68 kDa may be detected which may represent an RFX5 breakdown product or unmodified RFX5.
Formulation:	0.01M Na phosphate, 0.15M NaCl, pH7.4 with 0.02% Sodium azide as preservative. State: Ig Fraction State: Liquid (sterile filtered) purified Ig fraction .
Concentration:	lot specific
Purification:	Prepared from monospecific antiserum by delipidation and defibrination.
Conjugation:	Unconjugated
Storage:	Store the antibody (undiluted) at 2-8°C for one month or (in aliquots) at -20°C for longer. Dilute only prior to immediate use. Avoid cycles of freezing and thawing.
Stability:	Shelf life: One year from despatch.



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Gene Name: regulatory factor X5

Database Link: [Entrez Gene 5993 Human P48382](#)

Background: Human RFX5 from a variety of fibroblast and B-cell lysates. Recognition is at the C-terminal region. RFX5 is the regulatory gene responsible for human MHC class II deficiency. Patients with this disease exhibit a characteristic defect in the binding of a nuclear factor, RFX, to the X box motif of MHC class II promoters. RFX5 is the 75 kDa subunit of the RFX complex which is absolutely essential and highly specific for regulating MHC class II gene expression and control of the immune response. RFX5 is a protein consisting of 616 amino acids.

Synonyms: Regulatory factor X 5