

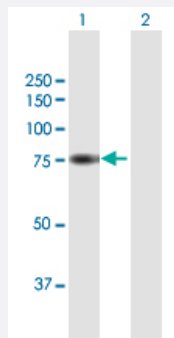
MaxPab®

RFX5 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005993-B01P

Size 50 ug

Applications

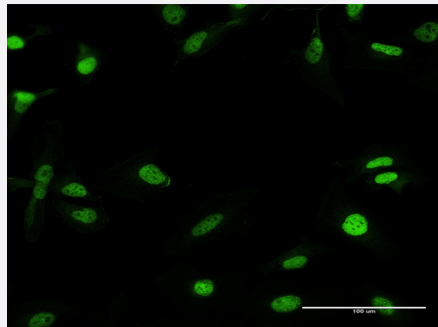


Western Blot (Transfected lysate)

Western Blot analysis of RFX5 expression in transfected 293T cell line ([H00005993-T01](#)) by RFX5 MaxPab polyclonal antibody.

Lane 1: RFX5 transfected lysate(65.30 kDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RFX5 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human RFX5 protein.

Immunogen

RFX5 (NP_000440.1, 1 a.a. ~ 616 a.a) full-length human protein.

Sequence	MAEDEPDAKSPKTGGRAPPGGAEAGEPTTLLQRLRGTISKAVQNKVEGILQDVQKFSDNDKLYLY LQLPSGPTTGDKSSEPSTLSNEEYMYAYRWIRNHLEEHTDTCLPKQSVYDAYRKYCESLACCRPL STANFGKIIREIFPDIKARRLGGRGQSKYCYSGIRRKTLVSMPPPLGLDLKGSESPENGPEVTPAPR DELVEAACALTCDDAERILKRSFSSIVEVARFLLQQHLISARSAHAHVLKAMGLAEEDHAPRER SSKPKNGLENPEGGAHKKPERLAQPPKDLEARTGAGPLARGERKKSVESSAPGANNLQVNAL VARLPLLLPRAPRSLIPPIVSPPIAPRLSSGALKVATLPLSSRAGAPPAAPVPIINMILPTVPALPGP GPGPGRAPPGLTQPRGTENREVGGGQDQPHDKGVKRTAEVPVSEASGQAPPAKAAKQDIED TASDAKRKRGRPRKKSGSGERNSTPLKSAAAMESAQSSRLPWETWGS GGEGNSAGGAERP GPMGEAEKGAVLAQQGQDGTVSKGGRGPSQHTKEAEDKIPLVPSKVSIVKGSRSQKEAFPLA KGEVDTAPQGNKDLKEHVLQSSLSQEHKDPKATPP
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to RFX5 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — RFX5

Entrez GeneID	5993
GeneBank Accession#	NM_000449.3
Protein Accession#	NP_000440.1
Gene Name	RFX5
Gene Alias	-

Gene Description	regulatory factor X, 5 (influences HLA class II expression)
Omim ID	209920 601863
Gene Ontology	Hyperlink
Gene Summary	A lack of MHC-II expression results in a severe immunodeficiency syndrome called MHC-II deficiency, or the bare lymphocyte syndrome (BLS; MIM 209920). At least 4 complementation groups have been identified in B-cell lines established from patients with BLS. The molecular defects in complementation groups B, C, and D all lead to a deficiency in RFX, a nuclear protein complex that binds to the X box of MHC-II promoters. The lack of RFX binding activity in complementation group C results from mutations in the RFX5 gene encoding the 75-kD subunit of RFX (Steimle et al., 1995). RFX5 is the fifth member of the growing family of DNA-binding proteins sharing a novel and highly characteristic DNA-binding domain called the RFX motif. Multiple alternatively spliced transcript variants have been found but the full-length nature of only two have been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000082795 OTTHUMP00000196318 regulatory factor X, 5

Pathway

- [Antigen processing and presentation](#)
- [Primary immunodeficiency](#)

Disease

- [Macular Degeneration](#)