

RFX5 rabbit monoclonal antibody

Catalog # H00005993-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human RFX5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human RFX5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human RFX5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — RFX5

Entrez GeneID	5993
GeneBank Accession#	RFX5
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](#)