

NFX1 rabbit monoclonal antibody

Catalog # H00004799-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human NFX1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human NFX1 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 NFX1 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 — NFX1

Entrez GeneID [4799](#)

GeneBank Accession# [NFX1](#)

Gene Name NFX1

Gene Alias DKFZp779G2416, MGC20369, NFX2

Gene Description nuclear transcription factor, X-box binding 1

Omim ID [603255](#)

Gene Ontology [Hyperlink](#)

Gene Summary MHC class II gene expression is controlled primarily at the transcriptional level by transcription factors that bind to the X and Y boxes, two highly conserved elements in the proximal promoter of MHC class II genes. The protein encoded by this gene is a transcriptional repressor capable of binding to the conserved X box motif of HLA-DRA and other MHC class II genes in vitro. The protein may play a role in regulating the duration of an inflammatory response by limiting the period in which class II MHC molecules are induced by IFN-gamma. Three alternative splice variants, each of which encodes a different isoform, have been identified. [provided by RefSeq]

Other Designations OTTHUMP00000021213|OTTHUMP00000021214|transcriptional repressor NF-X1