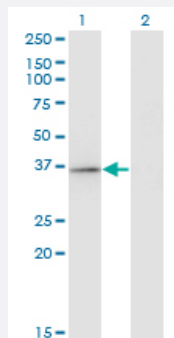


RFXAP monoclonal antibody (M01), clone 1B5

Catalog # H00005994-M01

Size 100 ug

Applications

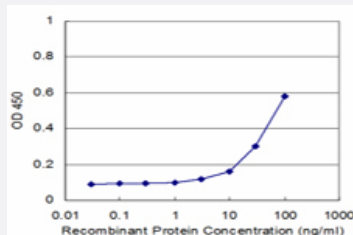


Western Blot (Transfected lysate)

Western Blot analysis of RFXAP expression in transfected 293T cell line by RFXAP monoclonal antibody (M01), clone 1B5.

Lane 1: RFXAP transfected lysate (Predicted MW: 28.3 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RFXAP is approximately 3ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RFXAP.
Immunogen	RFXAP (NP_000529, 179 a.a. ~ 244 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SDQALNCGGTASTGSAGNVKLEESADNLSIVKQRTGSFGDRPARPTLLEQVLNQKRLSLLRSPEV
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of RFXAP expression in transfected 293T cell line by RFXAP monoclonal antibody (M01), clone 1B5.

Lane 1: RFXAP transfected lysate (Predicted MW: 28.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

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[Protocol Download](#)

- ELISA

Gene Info — RFXAP

Entrez GeneID	5994
GeneBank Accession#	NM_000538
Protein Accession#	NP_000529
Gene Name	RFXAP
Gene Alias	-
Gene Description	regulatory factor X-associated protein
Omim ID	209920 601861
Gene Ontology	Hyperlink

Gene Summary

Major histocompatibility (MHC) class II molecules are transmembrane proteins that have a central role in development and control of the immune system. The protein encoded by this gene, along with regulatory factor X-associated ankyrin-containing protein and regulatory factor-5, forms a complex that binds to the X box motif of certain MHC class II gene promoters and activates their transcription. Once bound to the promoter, this complex associates with the non-DNA-binding factor MHC class II transactivator, which controls the cell type specificity and inducibility of MHC class II gene expression. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group D. Transcript variants utilizing different polyA signals have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000018260|RFX DNA-binding complex 36 kDa subunit|RFX-associated protein

Pathway

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