

Mouse RFXANK Monoclonal Antibody | anti-RFXANK antibody

RFXANK antibody

CATALOG # AAA106589	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay, Immunofluorescence
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PRODUCT SYNONYMS

RFXANK; Monoclonal Antibody; RFXANK antibody; Monoclonal RFXANK; Anti-RFXANK; ANKRA1; BLS; F14150_1; MGC138628; RFX-B; anti-RFXANK antibody

PRODUCT SPECIFICATIONS

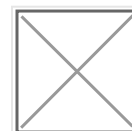
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3C10
Purity/Purification	RFXANK antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	260
Applicable Applications for anti-RFXANK antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Biological Significance	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 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. This protein contains ankyrin repeats involved in protein-protein interactions. Mutations in this gene have been linked to bare lymphocyte syndrome type II, complementation group B.
Cross-Reactivity	Human
Immunogen	RFXANK antibody was raised in Mouse using full length human recombinant protein of human RFXANK produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant RFXANK protein using RFXANK antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of RFXANK protein in paraffin embedded Human tonsil tissue using RFXANK antibody

**WB (Western Blot)**

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant RFXANK protein (Right) or empty vector (Left) detected with RFXANK antibody

**FCM/FACS (Flow Cytometry)**

Flow Cytometric analysis of Jurkat cells using RFXANK antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-RFXANK antibody	Mouse monoclonal RFXANK antibody
Product Categories/Family for anti-RFXANK antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	3820616
NCBI GeneID	8625
UniProt Accession #	O14593 ; O95839 ; Q24JQ1 ; Q6FGA8
Molecular Weight	25,652 Da
NCBI Official Full Name	RFXANK
NCBI Official Synonym Full Names	regulatory factor X-associated ankyrin-containing protein
NCBI Official Symbol	RFXANK
NCBI Official Synonym Symbols	BLS; RFX-B; ANKRA1; F14150_1
NCBI Protein Information	DNA-binding protein RFXANK
UniProt Protein Name	DNA-binding protein RFXANK
UniProt Gene Name	RFXANK
UniProt Synonym Gene Names	ANKRA1; RFXB; RFX-B
UniProt Entry Name	RFXK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rfxank-antibody-clone-3c10-western-blot-immunohistochemistry-flow-cytometry-immunofluorescence-elisa/106589>