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www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 600-401-BH3

FRL1 Antibody

Overview

Description:	Anti-FRL1 (RABBIT) Antibody - 600-401-BH3
Item No.:	600-401-BH3
Size:	100 µg
Applications:	ELISA, IF, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The Formin-like protein 1 (FRL1) gene encodes a formin-related protein which has been implicated in morphogenesis, cytokinesis, and cell polarity. Formins are a conserved class of proteins expressed in all eukaryotes and have one DAD (diaphanous autoregulatory domain), one FH2 (formin homology 2) domain and one GBD/FH3 (Rho GTPase-binding / formin homology 3) domain. FRL1 is located in the cytoplasm and is highly expressed in the spleen, lymph node and bone marrow cells. FRL1 possibly has a role in the control of cell motility, survival of macrophages and cytoskeletal organization.
Synonyms:	FRL1 Antibody, FMNL, FHOD4, KW-13, C17orf1, C17orf1B, FMNL, Formin-like protein 1, CLL-associated antigen KW-13
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	FMNL1
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti- FRL1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 16 amino acid peptide near the C-terminus of human FRL1.

Purity/Specificity:	Anti-FRL1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. FRL1 antibody is human, mouse and rat reactive. Three alternatively spliced transcript variants have been observed
Relevant Links:	• UniProtKB - O95466 • GeneID - 752 • NCBI - NP_005883

Application Details

Tested Applications:	ELISA, IF, WB
Application Note:	Anti-FRL1 Antibody has been tested for use in ELISA, Western Blotting and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 122 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IF:	20 µg/mL
WB:	1-2 µg/mL

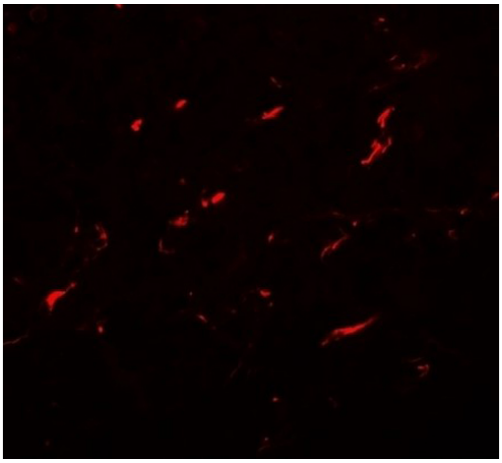
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

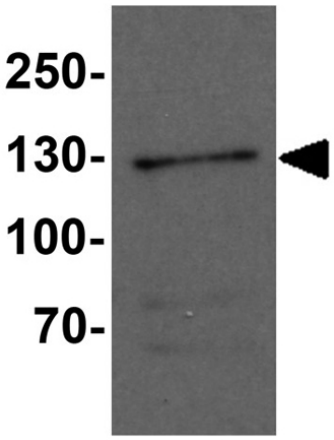
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunofluorescence Microscopy
Immunofluorescence of FRL1.
Tissue: EL4 cells.
Primary Antibody: FRL1 antibody at 20 µg/mL.



Western Blot
Western blot analysis of FRL1.
Load: EL4 cell lysate.
Primary Antibody: FRL1 antibody at 1 µg/mL.

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