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Datasheet for 600-401-BT7

IFTLD1 Antibody

Overview

Description:	Anti-IFTLD1 (RABBIT) Antibody - 600-401-BT7
Item No.:	600-401-BT7
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The intermediate filament tail domain-containing protein (IFLTD1) was initially identified as a candidate gene for pulmonary adenoma susceptibility 1 gene in mice. Transcripts of the gene were only detected in mouse lung tissue from strains carrying the Pas1-susceptible allele. Expression of different alleles of this gene in lung cancer cell lines resulted in different levels of colony formation in in vitro colony formation assays, suggesting that allelic variants of this gene can modulate growth of human cancer cells.
Synonyms:	IFTLD1 Antibody, PAS1C1, Intermediate filament tail domain-containing protein 1, Lamin tail domain-containing protein 1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	LMNTD1
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-IFLTD1 antibody was prepared from whole rabbit serum produced by repeated immunizations with an 19 amino acid synthetic peptide near the internal region of human IFLTD1.

Purity/Specificity:	Anti-IFTLD1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least four isoforms of IFLTD1 are known to exist; this antibody will detect all but isoform 4
Relevant Links:	• UniProtKB - Q8N9Z9 • GeneID - 160492 • NCBI - NP_001139200

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-IFTLD1 Antibody has been tested for use in ELISA, Western Blotting, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 43 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
IHC:	5 µg/mL
WB:	1-2 µg/mL

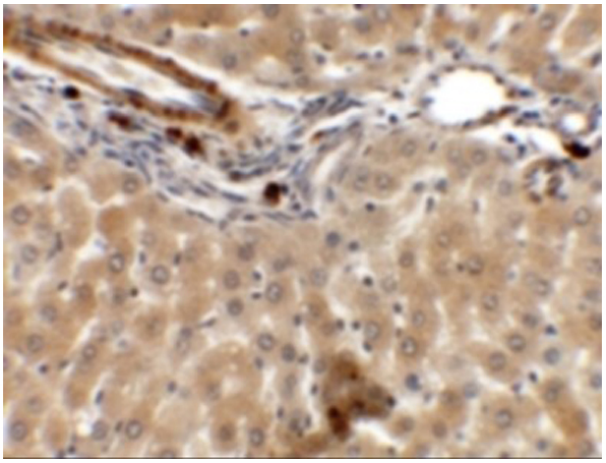
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 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

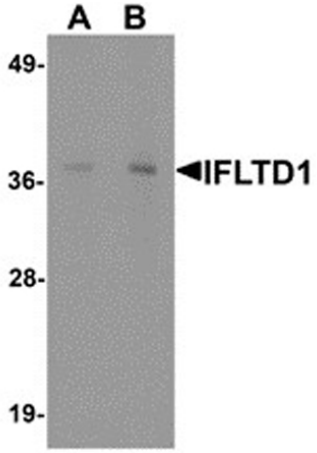
Shipping & Handling

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



Immunohistochemistry
Immunohistochemistry of IFTLD1.
Tissue: rat liver tissue. Primary Antibody: IFTLD1 antibody at 5 µg/mL.



Western Blot
Western blot analysis of IFTLD1. Load: rat liver tissue lysate. Primary Antibody: IFTLD1 antibody at (A) 1 µg/mL and (B) 2 µg/mL.

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