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Datasheet for 600-401-673

FANCE Antibody

Overview

Description:	Anti-Human FANCE (RABBIT) Antibody - 600-401-673
Item No.:	600-401-673
Size:	100 µg
Applications:	ELISA
Reactivity:	Human
Host Species:	Rabbit

Product Details

Background:	Fanconi anemia group E protein (FANCE) is part of the Fanconi anemia (FA) complex functions in DNA cross-links repair. It is required for the nuclear accumulation of FANCC and provides a critical bridge between the FA complex and FANCD2.
Synonyms:	rabbit anti-FANCE antibody, FANC-E, FANC E, FACE antibody, FAE antibody, Fanconi anemia group E protein, Fanconi anemia complementation group E antibody
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	FANCE
Reactivity:	Human
Immunogen Type:	Conjugated Peptide
Immunogen:	This affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 1-13 of Human FANCE. This Fanconi anemia protein promotes the nuclear accumulation of FANCC. FANCE protein is part of the FA nuclear complex, binding FANCC & FANCD2. It is required for the nuclear accumulation of FANCC and provides a bridge between the FA complex and FANCD2. FANCC mutants do not bind FANCE or prevent chromosome breakage. LocusLink ID 2178; SwissProt accession number Q9HB96

Purity/Specificity:	This is an affinity purified antibody produced by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.
Relevant Links:	• UniProtKB - Q9HB96 • NCBI - NP_068741.1 • GeneID - 2178

Application Details

Tested Applications:	ELISA
Application Note:	This affinity purified antibody has been tested for use in ELISA against the immunizing peptide. Reactivity in other immunoassays is unknown.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:50,000
WB:	1:500- 1:2,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (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.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.